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R
SB 363.2
, V6668

VARIETY APPLE ORCHARD
Arlington Farm

847

Variety: *Tanpaki*

Pomology No. 28482

Orchard location: Section *7*

Row *13-14* Tree *2*

Arlington Accession No. *4366*

S.P.J. 6753

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/29</i>	<i>102478</i>	:	1927 -		
1923 -	<i>9/8</i>	<i>103906</i>	:	1928 -		
1924 -	<i>9/13</i>	<i>105388</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	—	—	:	1931 -		

Blossom dates: 1924 - *5/1, full bloom*
 1925 - *4/15, past full - few clusters*
 1926 -
 1927 -

Remarks: *From Emerald, Victoria. Scions received 6/19/01, through C. A. Nobelius. Scions for Arlington propagation from nursery at Astoria, Ore. where recorded as Pom. No. 21754. See Jour. No. (Pom. No.) 21754. This variety is supposed to be resistant to woolly aphis.*

Characterization: *1924 note. Good texture, tender, moderately juicy, mildly subacid. Fairly good in quality - better than many of the introduced varieties, but too small as grown here to be of much value.*
3/1/26. Tree rather small, upright, spreading, branching normal, but twigs stout and tend to droop, few spurs. Light yellowish green bark.
Parenting: #701251
Description: #85518

(no 2d sheet)

EXHIBIT 1012
 1012-1012
 1012-1012

Exhibit 1012

Exhibit No. 1012

Exhibit Section

Exhibit Accession No.

Ex 1012-1012

Year -	Date	Exhibit	Accession	Year -	Date	Exhibit	Accession
1922 -	8/1	1012	1012	1922 -	8/1	1012	1012
1923 -	8/8	103906	103906	1923 -	8/8	103906	103906
1924 -	8/13	102384	102384	1924 -	8/13	102384	102384
1925 -				1925 -			
1926 -				1926 -			

Exhibit 1012
 1012-1012
 1012-1012

Exhibit 1012
 1012-1012
 1012-1012

Exhibit 1012
 1012-1012
 1012-1012

Exhibit 1012
 1012-1012
 1012-1012

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Terry*

Pomology No. *24535*

Orchard location: Section *D* Row *9-10* Tree *1*

Arlington Accession No. *3077*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/26</i>	<i>102880</i>	1927 -	<i>10/6</i>	<i>109659</i>
1923 -	<i>10/26</i>	<i>104304</i>	1928 -		
1924 -	<i>11/4</i>	<i>105970</i>	1929 -		
1925 -	—	—	1930 -		
1926 -	<i>11/1</i>	<i>108714</i>	1931 -		

Blossom dates: 1924 - *5/1*, 20% buds open - very light bloom.
 1925 - *4/14*, 25% " " ; *4/18*, 90% buds open.
 1926 - *4/30*, center buds open - poor trees - very light bloom.
 1927 -

Remarks: *Scions from S. M. Wayman
 Panama, Ga. 4/3/02.*

Characterization: *Apparently averaged small for the variety, but variable! in 1926 from 2 3/8" to 3 1/2". Usually roundish-truncate to slightly elongated but in 1927 they resembled a large crab more than an apple averaging about 1 7/8" in diameter and distinctly elongated. Occasionally there was a fruit more typical in form, confounding the identity of the lot. Usually smooth, indistinctly ribbed; sometimes below a little unequal. Cavity rather deep. Medium width (over)*

Stem $\frac{3}{4}$ " to $\frac{7}{8}$ " slender; basin medium depth, rather abrupt; sepals fairly long, recurved, eye closed. Ground color yellow, completely overspread with a heavy wash of bright ^{some times indistinct} stripes. Dark red; a heavy purplish bloom; dots moderately numerous, yellowish, rather conspicuous on red surface: considerable fine leather cracking about basin, at least some seasons. Flesh deeper yellow than most varieties, grain a little coarse, firm, rather tough, somewhat lacking in juice, mild subacid, lacks richness. At this time only fair in quality - too immature for quality to have developed 11/26.

The season of 1927 was apparently very unfavorable for the variety. Form affected as above noted. On 10/11 there was a toughness of flesh and immaturity that were striking - but this was too early for the variety anyway - picked too early this year probably.

Second sheet, Variety

Terry

Storage notes:

Crop 1926. Out of storage 7/11/27. Exam. 7/16/27.
One fruit out of 10 was rotten - otherwise kept well.
Fruit is firm, no shriveling. Tough firm and
hard and somewhat breaking, a suggestion
of meekness appears when eaten. Fairly juicy,
mild subacid; lacks richness, not better than good
Crop of 1927. Stored 10/11; out 7/8/28. Exam. 7/13/28.

Excellent physical condition kept for a little while.
Firm and hard, fine grain, considerable body,
fairly juicy, mild subacid, fairly pleasant, not as flat as
sometimes.

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

good or
a little
below.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: (Partially retained) disappeared.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium few) (Medium slender) stout; Long medium
(short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium few) Very (medium slender) stout; pointed
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Annual growth but very little - very slender

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described #9030 - 23883

Disease notes by J. W. Roberts:

Tree Row 9 is clean and healthy but small
" " 10 has a lot of rough cankered
bark on the main limbs but this
is superficial - does not extend through
to the wood.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Tetofsky

Pomology No. 24344

Orchard location: Section

B

Row

23

Tree

5

Arlington Accession No. 1926

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	7/10	101546	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	7/28	105045	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	—	—	:	1931 -		

Blossom dates: 1924 - 4/24, first bloom; 7/1, full bloom

1925 - no bloom.

1926 - 7/28, 75% buds open. petals curled in
blooms. look waggled.

1927 -

Remarks:

The fruit was merely OK'd each year with no notes on it otherwise.

Seems from N. Y. Expt. Station 1902.

Characterization:

1911 1912 1913

The following table shows the results of the
 1911-1912 season, as compared
 with the 1910-1911 season, and the
 1909-1910 season.

Year	1911	1912	1913	1914	1915	1916
1911	100	100	100	100	100	100
1912	100	100	100	100	100	100
1913	100	100	100	100	100	100
1914	100	100	100	100	100	100
1915	100	100	100	100	100	100
1916	100	100	100	100	100	100

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 1911-1912 season, as compared
 with the 1910-1911 season, and the
 1909-1910 season.

Storage notes:

11/7/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender,
stout); Medium straight crooked.

Secondary limbs: Numerous (medium few) Medium slender stout;
Drooping.

Twigs: Many medium (few) Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

re brown - * Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none *All thick and stout.*

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Aug. No. 47915*

Fruit painted *~~None~~ #9066* Fruit modeled

Fruit described *#25249-29030*

Disease notes by J. W. Roberts:

*A poor, weak, small tree. The absence of twigs
and the presence of conspicuous, short
spurs of varying lengths are striking*

* *Twigs and secondary branches are lined with
many stout spurs, from short and unbranched
to 3 or 4 inches and much branched*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Texas (Pride of Texas)*

Pomology No. *24315*

Orchard location: Section

B

Row

13-14

Tree

2

Arlington Accession No. *1897*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/1</i>	<i>102781</i>	:	1927 -		
1923 -	<i>10/20</i>	<i>104288-9</i>	:	1928 -		
1924 -	<i>10/21</i>	<i>105955</i>	:	1929 -		
1925 -	<i>10/15</i>	<i>107112</i>	:	1930 -		
1926 -	—	—	:	1931 -		

Blossom dates: 1924 -

The apple orchard record card in 1923 calls attention to the fact that R:13:2 is labeled Pride of Texas while R:14:2 is labeled Mc-See. I noted that fruit from these two trees

Remarks:

was identical. Scions of acc. no. 1897 were received in 1902 from the N.Y. Exp. Station as Pride of Texas. How or when the name Mc-See came to be applied to R:14:2 is now unknown. I am inclined to think the apple was "Pride of Texas" though I raised a question as to whether it might not be Mc-See - which I hardly think it was. Notes unfortunately are scanty.

Characterization:

10/24/25: Flesh yellow, fairly fine grain, mild subacid; too immature for quality. Storage notes in Arlington Journal of 1926 - In 1923 I noted that size and character of seeds of fruit from both trees suggested Texas - I think as described in Apples of N.Y. (no 28 sheet) over

Painting : 99709
Description : None

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Tidal

Pomology No.

Orchard location: Section

Row

Tree

Arlington Accession No.

8586

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/9	109 455-
1923 -	10/12	104260	:	1928 -	Prior to 10/10	110 611
1924 -	10/18	106043	:	1929 -	9/9	111148
1925 -	10/8	107129	:	1930 -	9/8	111668
1926 -	—	—	:	1931 -	10/6	112356

Blossom dates: 1924 - 5/2, 40% buds open; 5/6, a little past full.
1925 - 4/15, 50% " " ; 4/20, " " " " but
1926 - 5/5, a few clusters only, full bloom or slightly past
1927⁸ - 4/26, first bloom; 5/2, 85% buds open.

Remarks:

Grafts supplied by W. N. Irwin 5/3/10.

Characterization: Usually good size, oblate, fairly regular, cavity medium; stem 1/4" to 1/2". Basin rather shallow, broad, sepals large, long, reflexed; eye large, open. Ground color yellow, sometimes with a suggestion of blush; considerable grayish overspread at base; dots numerous, some whitish, some brownish some submerged, others raised, mostly inconspicuous. Flesh usually tinged yellow, fairly fine grain, very tender, moderately juicy, very mild subacid almost neutral. Pleasant, fairly rich, pretty good. In 1925. (over)

fruit picked $10/8$ and probably held at
room temperature, or possibly in office
refrigerator was a little past prime eating
condition $10/23$. But fruit, 1425 cup
from cold storage was in prime
eating condition $12/15/25$.

Second sheet, Variety Tidal.

Storage notes: 1925 Crop. Stored $\frac{15}{10}$; out and examined $\frac{12}{18/25}$ apparently in good physical condition but no notes recorded was in prime eating condition when examined.

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. $\frac{11}{157}$ $\frac{128}{10\% \text{ cut}}$

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium (long) short; Very (medium slender) stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium open, dense); Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout; ($\frac{1}{2}$ - 1 - 2 - 3 inch); Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium (slender)) open dense stocky grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described $\frac{\#35279}{}$

Disease notes by J. W. Roberts:

A symmetrical vigorous tree of fine type. Great bearing surface. Secondary branches and twigs well distributed throughout entire top.

VARIETY APPLE ORCHARD
Arlington Farm

855

Variety: *Titovka (?)* See under Remarks*

Pomology No. 24571

Orchard location: Section *D* Row *19-20* Tree *2*

Arlington Accession No. *3115*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/18</i>	<i>101593</i>	:	1927 -	<i>7/19</i>	<i>109182</i>
1923 -	<i>7/9</i>	<i>103341</i>	:	1928 -		
1924 -	<i>7/23</i>	<i>105039</i>	:	1929 -		
1925 -	<i>7/14</i>	<i>106472</i>	:	1930 -		
1926 -	<i>7/20</i>	<i>107607</i>	:	1931 -		

Blossom dates: 1924 - *4/28*, 50% buds open; *5/2*, full bloom.
1925 - *4/14*, full bloom.
1926 - *4/30*, " "
1927 -

Remarks: Scions received *7/10/2* from Prof L. R. Taft, Mich. Agr. Coll., East Lansing, Mich.

* This variety is not *Titovka* as described by Beale, Apples of N.Y. It may possibly be *Titovka* (Department, *Titovka*, *Titus Riga*) or *Titovka*, Spear of Hansen - S.D. Sta. Bul 76:105 (See Beale - Apples of N.Y. vol II, p 224-5.)

Characterization: an apple, something of the Early Ripe type. Medium size or below, slightly oblate. Color heavily russeted, ground color greenish white tending to yellowish, with rarely very light splashes of red; a whitish bloom. Flesh white (or but very lightly tinged yellow), fine grained, tender, mild subacid, rather lacking in juice, not rich but pleasant with no characteristic flavor. *7/17/25*, three days after picking, many fruits past prime and are breaking down; *7/23/26*, also 3 days after picking. (over)

many fruits - breaking down in core area and
turning brown. Seems to be a tendency of
the variety since the fruits do not appear
from exterior conditions to be over ripe.

7/21/27: Fruit was small, badly water corrd;
where not water corrd, flesh is breaking
down.

Core is closed - calyx tube is
wide - funnel-shaped.

Second sheet, Variety

Titovka?

D: 19-20: 2

851

Storage notes:

1/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: ~~Partially retained~~ disappeared.

Branching: *Fairly well branched.*

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: (Medium slender) stout;
Drooping. *Stand out rather straight from main limbs*

Twigs: Many (medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;

1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Nothing special or characteristic.

Illustrations:

Tree photographed

Neg. No. 47954

Fruit painted

Several

Fruit modeled

Fruit described

Several (Titovka)

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Titus Pippin*

Pomology No. 24345

Orchard location: Section *B* Row 25 - 26 Tree /

Arlington Accession No. 1927

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/23	102585	:	1927 -	9/26	109546
1923 -	9/28	104139	:	1928 -		
1924 -			:	1929 -		
1925 -	10/1	107023	:	1930 -		
1926 -	9/20	108368	:	1931 -		

Blossom dates: 1924 - 4/29, 75% of buds open; 5/3, full bloom.
1925 - 4/14, 25% " " " ; 4/16, 90% of buds open.
1926 - 4/28, 50% " " " - blossoms all on 1 or 2 limbs.
1927 -

Remarks: Scions from N. Y. Expt. Station in 1902
Illustrated and described in Apples of N. Y. Vol. II.
In 1922 fruit was badly watercored;
mentioned also in 1925; also in 1926 and in 1927
Apparently watercoreing is characteristic under Arlington
conditions.

Characterization: Size medium - to fairly large in 1927; slightly
ribbed; form varies considerably but in general
slightly oblong conic; stem long, slender.
Ground color yellow. Usually self colored but some
fruits have a slight bluish dots variable from whitish
minute, submerged, inconspicuous to fairly numerous,
small, dark brown dots that are quite conspicuous.
very large open core formation; carpels very large.
Flesh tinged yellow, fine grain (but a little grainy in 1926)
quite firm, usually juicy (but in 1926 it was subnormal)
(over)

Mild subacid, fairly rich, pretty good but with no very distinctive flavor. Not quite mature 7/4/25. In 1927 sprightly, subacid, fairly good. 10/6/26 rather flat in flavor, greatly poor. In numerous instances in 1926 the quality of apples was noted as distinctly poorer than in other years.

Watercoreing was noted nearly every year as occurring in this variety. In 1927 - Sept. 27 there occurs this special notation: "There appears to be quite uniformly an accumulation of free water in the core so that when an apple is cut, several drops will drip from the core. This is the most pronounced case of this sort I have ever seen so far as I recall." Very bad watercoreing occurred also in 1927. Likely the free water within the core was related in some way with the watercoreing. APS

Second sheet, Variety

Titus Pippin

Storage notes:

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad ^(somewhat) flat spreading
Central leader: Partially retained disappeared.
Top inclined to flatness.

Branching: *well branched*
Main limbs: Very medium long short; Very (medium slender
stout) Medium straight crooked. *Smooth.*
Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine vigorous, spreading type of tree.
Illustrations:
Tree photographed *Neg. No. 47890*

Fruit painted *Several* Fruit modeled

Fruit described *#3712 - 7701*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Tolman*

Pomology No. *24343*

Orchard location: Section *B* Row *23-24* Tree *4*

Arlington Accession No. *1925*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102596</i>	:	1927 -	<i>9/26</i>	<i>109547</i>
1923 -	—	—	:	1928 -		
1924 -	<i>10/8</i>	<i>105687</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>9/17</i>	<i>108369</i>	:	1931 -		

Blossom dates: 1924 - *5/2. First bloom.*
1925 - *4/16. 25% buds open.*
1926 - *4/28. Late pink stage - an occasional center bud open*
1927 - *5/2. Later than most var.; quite a lot of petals remain.*

Remarks: *Scions from N. Y. Expt Station in 1902.*

Characterizations: *1926 notes mostly, while not quite typical of the variety in the North samples considered exceptionally good for the var. in size and general development. Medium size, rounded to slightly oblate; some fruits indistinctly ribbed. The characteristic line extending from cavity to basin is mostly absent; 9/24/26 - Too immature to show finish in completion. Ground color now pale green - will probably be fairly rich yellow when fully mature. A light white bloom, and a little antimilk overspread mostly in form of radiations from cavity; dots numerous, minute brownish, slightly raised, making surface a little rough. Flesh white, slightly stringy, juice (over)*

a little lacking, fine grain, firm,
rich, sweet; high quality for a sweet
apple, but too immature for final
quality notes 9/24/26. (see storage notes).

Second sheet, Variety

Tolman.

Storage notes: 1926 Crop. stored 7/27; ant 13/27 Exam 126/27.
In office refrigerator meanwhile. Shrivelled
somewhat; scald is bad. Flesh white
sating, very fine grain, considerable body,
a little lacking in juice but not much, distinctly
sweet, fairly rich - but seems a little flat.

1927 Crop. Out of storage 15/28; Exam 19/28.
Good condition, eating ripe; fine grain,
tender, good body, a little lacking in juice,
a suggestion of the honey sweetness, characteristics
of the variety at its best - but a little lacking in richness.
Vigor of Tree: Exceptionally strong (average) weak. Size: Not the var.
Exceptionally (large) average small. at its best.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) (roundish) broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

well branched
Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked. *Smooth*
Secondary limbs: Numerous medium few! Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A strong, stocky tree with stout twiggy growth and spurs.
Illustrations: Tree photographed Neg. No. 47913

Fruit painted 65202 - 92055 Fruit modeled

Fruit described. *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Tompkins King* (by identification)

Pomology No. 24547

Orchard location: Section

D

Row

7-8

Tree

5

Arlington Accession No. 3076

(Recorded as Fall Flat)

See Acc. No. 3102. 8:13-14:5

Also *Tompkins King*

Year -	Date Picked	Pomology Number
1922 -	9/23	102568
1923 -	—	—
1924 -	—	—
1925 -	—	—
1926 -	9/17	108370

Year -	Date Picked	Pomology Number
1927 -	9/22	109545
1928 -	—	—
1929 -	—	—
1930 -	—	—
1931 -	—	—

Blossom dates: 1924 - 4/28, 25% buds open; 5/3, little past full
1925 - 4/14, 40% " " ; 4/18 " " "
1926 - 4/30, 90% " "
1927 - 4/12, first bloom - bloom light

Remarks:

Scions from J. L. Blackwell

Tennessee, N. Y. 4/3/02 under name

Fall Flat. Whether this was a local name

for *Tompkins King* is not now known.

Your entry No. 24547 may record something about the variety. It was identified in 1922 as

Tompkins King and apparently never questioned

Characterization:

Notes 9/24/26 Mostly: Best developed and hereafter.
but colored fruits seen from Arlington (of this variety), a little
coarse in appearance, they are well colored though shade of
red is made a little dull by heavy overexposure. Buttermilk
is fairly numerous, raised, rather large, some are
erect. (rather conspicuous). Watercore is very best
fresh tinged yellow, fine grain, rather firm,
fairly juicy, much subacid, practically entirely
lacking in the characteristic flavor of the variety
(over)

Though the exterior is suggestive of the variety, the flesh characteristics are disappointing on basis of the variety at its best.

9/25/27 lots described as not raised, and very few apple - but numerous, small. Yellowish, quite conspicuous on highly colored fruits. Fruit is better finished than usual. Not much if any water core this year. Fruits good sizes, firm now (9/28/27) but indications of early maturity.

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Second sheet, Variety *Tamphins King* (5:7-8:5)

Storage notes: 1926 Crop. Stored 7/27; out 1/3/27; Exam 1/26/27
fruit in office refrigerator meanwhile.
Has kept well, little or no shriveling.
Flesh yellowish, fairly fine grain; a little
past its season and inclined to meakiness,
mild subacid. Would be fairly good were
it not for suggestion of meakiness; flavor
is pleasant though lacking that characteristic
of northern grown fruit of the variety.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout) Medium straight (crooked).
Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. Much branched
Twigs: Many (medium) few; (Medium slender stout); (Long) medium
short; Straight branched twiggy; Medium open
dense; Willowy.
Spurs: Very many (medium) few; Very medium slender (stout);
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched).
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Fairly stocky tree but small for age.

Illustrations:

Tree photographed

Fig. No. 47966

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Location along roadway between
Sections. W & E. None of the trees in
this corresponding position have ever
grown well. May be considerable
crown gall.

VARIETY APPLE ORCHARD
Arlington Farm

863

Variety: *Tampkins King*

Pomology No. 24558

Orchard location: Section *D*

Row 13 - 14 Tree 5

Arlington Accession No. 3102

(See acc. No. 3076, D: 7-8: 5)

Also *Tampkins King* - by identification

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/23	102567	:	1927 -		
1923 -	9/28	104152	:	1928 -		
1924 -	9/24	105426	:	1929 -		
1925 -	9/15	106831	:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 - 4/28, first bloom; 5/3, with part full.

1925 - 4/14, 40% buds open; 4/18 " " "

1926 -

1927 -

Remarks

*Scions from J. E. Bennoch,
Arund. Maine 7/7/02.*

Characterization:

*Notes 9/28/25. Good size for the variety - but
poorly colored, poor finish, and rough and coarse
looking. Many fruits have a buttermilk overspread.
+ lack fairly fine grain, fairly tender, quite
juicy; just a suggestion of the characteristic
flavor but mostly lacking. Outstanding features
of these fruits are: poor color, rough, coarse,
unattractive finish, excessive watercoreing,
and lack of characteristic flavor in any
degree.*

(over)

(no 2d sheet)

3/1/26

Tree good, upright, spreading,
branching normal; many
secondary branches;
numerous spurs. Trunk
appears twisted but may
not be a varietal characteristic
of the tree.

Neg. No. 44, 15

Paintings: several
Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

864

Variety: Townsend

Pomology No. 40564

Orchard location: Section H Row 5-6 Tree 4

Arlington Accession No. 6382

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<u>7/28</u>	<u>101207(?)</u>	:	1927 -	<u>8/10</u>	<u>109283</u>
1923 -	<u>8/8</u>	<u>103385</u>	:	1928 -	<u>8/14</u>	<u>110276</u>
1924 -	<u>8/29</u>	<u>105206</u>	:	1929 -	—	—
1925 -	<u>8/21</u>	<u>106635</u>	:	1930 -	<u>8/14</u>	<u>111521</u>
1926 -	<u>8/15</u>	<u>107940</u>	:	1931 -	—	—

Blossom dates: 1924 - 5/2, 40% buds open; 5/6, past full - very light bloom.
 1925 - 4/14, 40% " " ; 4/20, well past full.
 1926 - 4/30, 40% " "
 1927 - 4/26, first bloom; 5/1, 50% buds open.

Remarks: Scions received 3/13/08, from private collection of W. H. Linn, Lexington.

Characterization: Medium size or above; slightly oblate conic, indistinctly ribbed; ground color - deep yellow with light overpread of red with a light mottled effect, sometimes slight striping in others a bronzing effect, dots mostly scattered, very minute, yellowish or brownish, with many very minute, almost imperceptible dots beneath the skin. Flesh moderately fine grain to a little coarse, fairly tender, rather lacking in juice, milk acid, rather flat and insipid sometimes, at others though mild there is a pleasant sprightliness that makes it fairly good.
 (over)

The main question as to identity hangs on the color. The painting in file (No. 22156) shows a highly colored apple with red stripes! Fruit painted was from Prince George Co. Md. Fruit from Arlington has never had any color to mention, question is whether the lack of color is due to varietal character or to environmental conditions. It would seem that if the variety was inherently highly colored, it would have developed more sometimes at Arlington than it did in comparison with Prince George Co grown fruit.

Second sheet, Variety

Townsend

865

Storage notes:

10/20/25

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark (normal).

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top round (much broader) narrower than tall.

Illustrations: *a good type of average tree - no extreme*
Tree photographed

Fruit painted *#12156-109283* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Traderstancy?*

Pomology No. 40565

Orchard location: Section *H* Row *5-6* Tree *5*

Arlington Accession No. *6383*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/28</i>	<i>102208</i>	:	1927 -	<i>8/10</i>	<i>109284</i>
1923 -	<i>8/16</i>	<i>103418</i>	:	1928 -	<i>8/14</i>	<i>110277</i>
1924 -	<i>8/29</i>	<i>105207</i>	:	1929 -	<i>9/12</i>	<i>111173</i>
1925 -	—	—	:	1930 -	—	—
1926 -	<i>8/13</i>	<i>107779</i>	:	1931 -	—	—

Blossom dates: 1924 - *5/2, full bloom.*
 1925 - *4/15, " " - though still buds, petals falling?*
 1926 - *4/30, " "*
 1927 - *4/12, 20% buds open.*
 1928 - *4/20, first bloom; 4/26, 75% buds open; 5/1 full bloom.*

Remarks:

Scions received *3/13/08* from private collection of *W. H. Smith* (acc. No. *6382*)
 A mix-up between this variety and *Townsend* (acc. No. *6382*)
H: 5-6' 4" was indicated - probably because the location of both lots of fruit in 1922: were given as *H: 5-6' 4"* - which was erroneous. While the identity of this supposedly *Traderstancy* was never definitely settled, there was no very sure reason for any confusion with *Townsend* though in certain years the 2 varieties apparently were somewhat similar and neither lot agreed very well with paintings on file.
 Characterization: Medium to good size, rounded, roundish conical some seasons some fruits are slightly oblate. More or less ribbed, otherwise smooth. Core medium, stem $\frac{1}{2}$ " to $\frac{3}{4}$ ", rather slender; basin medium, sepals medium, eye closed. Ground color yellowish, with (over)

Light overexposed of red and some stripes;
In 1929, a heavy overexposed of gray about base.
seeds numerous, valuable - some whitish and
irregular, others slightly raised, areolar,
effect is a fairly finished small nut fruit.
Rich yellowish, sometimes tinged with green,
rather coarse grain, tender, lacking in juice,
very mild subacid, flat, distinctly
poor in quality. Two descriptions
on file indicate good to very good
in quality. Difficult to reconcile the
poor quality of this fruit with the
descriptions - if Mr. Brown's appraisal
is to be taken at face value. He
was sometimes inclined perhaps
to overrate quality.

9/17/29. It was noted as difficult to
reconcile specimens in hand with
descriptions on file. It was
also observed under same date
that the fruit was evidently picked
too soon as it had an immature
flower. Yet in 1929 it was picked
3 to 4 weeks or more later than in
any other year. Question arises
as to whether some of the observed
discrepancies between specimens
in hand and descriptions and paintings
on file were due to premature
picking.

This variety - Pam. No. apparently trace to Pam.
No. 11520 seeds of which were received from
A. B. Greenlee, New Lebanon Pa. who regarded
it as a seedling and definitely not Traders Fancy.

Second sheet, Variety

Traders Fancy

867

Storage notes:

#1 5-6.5

10/20/25

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal (now) (scanty) Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very upright (roundish ~~broad~~ flat spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very (many) medium few; Very (medium) slender stout;
1/2 - (1 - 2) 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense stocky
grower; Top round much broader narrower than tall,
(slightly)

Illustrations:

Tree photographed

Fruit painted #12837 - 1332/ Fruit modeled

Fruit described #12837 - 1332/

Disease notes by J. W. Roberts:

a poor tree - not made much
growth - dwarfish - no apparent
difficulty - may be characteristic
of variety.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Transcendent*

Pomology No. *36674*

Orchard location: Section *J* Row *18* Tree *3*

Arlington Accession No. *5542* See Acc. No. *4718*. 7:25-26:2
and *7154*. 9:19-20:1 - also supposed to be *Transcendent*.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -	<i>8/14</i>	<i>110278</i>
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -	<i>8/15</i>	<i>107780</i>	:	1931 -	<i>8/13</i>	<i>112277</i>

Blossom dates: 1924 - *5/2, past full*
1925 - *no bloom*
1926 - *4/30, past full*
1927 - *4/19, first bloom; 4/26, 93% buds open, 5/1, past full*

Remarks: *Buds received 9/15/06 from M. Selmore, Jackson, Ohio.*

Characterization: *No detailed notes except statement 5/14/31, same as for Acc. No. 7154. Good size, fully ripe & mealy. but almost no color.*

Second sheet, Variety

Transcendent I:18:3

acc. No. 5542

Storage notes:

11/2/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared).

40% now ff.
Irregular & unsymmetrical.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few; Medium (slender) stout;
(slightly Drooping).

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted None

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

Main limbs come up, then
curve over to outside thus:
Irregular unsymmetrical top.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Transcendent

Pomology No. None

Orchard location: Section I

Row 19-20 Tree 1

Arlington Accession No. 7154

SPJ 18600

See acc. Nos 4718 and 5542 - (7:25-26:2 and 1:18:3 respectively)
also supposedly Transcendent.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/11(-1)	102216	:	1927 -	—	—
1923 -	8/20	103833	:	1928 -	8/14	110279
1924 -	8/18	105100	:	1929 -	—	—
1925 -	—	—	:	1930 -	—	—
1926 -	8/15	107780	:	1931 -	8/13	112278

Blossom dates: 1924 - — 4/29, full bloom
1925 - — no bloom.
1926 - 7/30, part full
1927 - 7/17, first bloom; 7/26, 95% buds open.
5/1, most petals off.

Remarks:

Apparently an SPJ introduction; no name on accession card. Two grafted trees received 11/18/04. Orchard fruit notes based on presumption the variety was Transcendent Crab.

Characterization: Notes 8/17/28. 1 3/4" in diameter; indented to fairly distinct ribbing; roundish; cavity fairly deep, rather abrupt; stem 1/2" to 1" slender; basin rather shallow medium broad; sepals medium large, eye closed; ground color pale lemon yellow with only a limited indication of red overexposed. - mostly restricted to a mottled blush on exposed side. flesh yellowish, fairly fine grain, moderately juicy, tendency to meakiness when fairly firm, subacid, tanish moderately browned. (over)

5/17/31 - Bank size, fully ripe, nearly
but almost no color
1926 - also - practically no color

Second sheet, Variety

Transcendent

871

Storage notes:

acc. no. 7154

J:19-20:1

10/31/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal. *50 ft -*

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium (long) short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: Medium slender (stout);
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
 $\frac{1}{2}$ - (1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open (dense stocky
grower); Top (round) much broader narrower than tall.

*Tree (Row 19 and) somewhat one sided but probably
but a varietal characteristic*

Illustrations:
Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Transcendent*
Pomology No. *Apparently not recorded*

Orchard location: Section *7* Row *25-26* Tree *2*

Arlington Accession No. *4718. See Acc. No. 5542. 5118:3 and Acc. No. 7154. 5117-20:1 - also supposed to be Transcendent.*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>8/4</i>	<i>109251</i>
1923 -	<i>8/14</i>	<i>103428</i>	:	1928 -	—	—
1924 -	—	—	:	1929 -	—	—
1925 -	<i>8/6</i>	<i>106548</i>	:	1930 -	—	—
1926 -	<i>8/9</i>	<i>107705</i>	:	1931 -	—	—

Blossom dates: 1924 - *4/28. full bloom.*
1925 - *4/15. considerably past full bloom - 50% petals off.*
1926 - *4/30. past full.*
1927 - *4/12. 75% buds open.*

Remarks: *Scions received 3/1/05 from Phoenix Nursery Co, Bloomington, Ill.*

Characterization: *Average about 1 1/2" in diameter - a little more roundish conic in form than shown in apples of N.Y.; distinctly ribbed; ground color yellow with only small portions of surface washed with red - practically no color some seasons, stems from less than 1" to 1 1/2", very slender; flesh yellow, fairly fine grain, moderately juicy, moderately acid - probably OK as crab. Apparently this variety - if any one of the 3 lots is correctly named - develops poorly here. Almost no red color.*

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Second sheet, Variety

Transcendent 7:26:2

873

Storage notes:

acc. No. 7718.

7/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very medium slender
(stout); Medium straight (crooked).

Secondary limbs: Numerous medium few; (Medium slender) stout;
Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *more or less crooked.*

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Has made crooked angular growth.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Transcendent* (crab)

Orchard location: Section *E* Row *1-2* Tree *3*

Arlington Accession No. *4947*
Pom. No. apparently not recorded.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/28</i>	<i>102205</i>	1927 -		
1923 -	—	—	1928 -		
1924 -	—	—	1929 -		
1925 -	<i>8/6</i>	<i>106542</i>	1930		
1926 -	—	—	1931		

Blossom dates: 1924

1925

1926

1927

Remarks: *For no explained or stated reason the specimens, both years, were labeled Martha and "old" as such. However, the accession record indicates 2 trees were received 4/1/05 as Transcendent from*

Characterization:

*1925 Notes.
size medium
for a crab
(1 1/8" in diameter),
distinctly oblate;*

the Phoenix Nursery Co. Bloomington Ill. At the same time from same source there were received trees labeled Martha (see acc. No. 4716). There is no stated reason for not accepting No. 4947 as Transcendent.

Ground color yellowish, overlaid with bright red with indistinct stripes; dots few, light colored, inconspicuous; flesh yellowish, fine grain, crisp, juicy, fairly acid; in many specimens the calyx is deflexed; stem average about 3/4" varying from 1/2" to nearly 1" (over) (no 2d sheet).

Painting: None
Description: none

VARIETY APPLE ORCHARD
Arlington Farm

875

Variety: *Truesdell (probably)*

Orchard location: Section *H* Row *23-24* Tree *2*

Arlington Accession No. *6432*

Pom. No.					
Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/15</i>	<i>102276</i>	1927 -	—	—
1923 -	<i>8/13</i>	<i>103387</i>	1928 -	<i>8/22</i>	<i>110315</i>
1924 -	<i>8/29</i>	<i>105212</i>	1929 -		
1925 -	<i>8/6</i>	<i>106540</i>	1930		
1926 -	<i>8/18</i>	<i>107785</i>	1931		

Blossom dates: 1924, *5/3, full bloom*
 1925, *4/15, 90% buds open; 4/20, part full*
 1926, *4/30, 90% " "*
 1927, *4/20, first bloom; 4/26, 50% buds open*
5/1, TR 23, full bloom; TR 24, part full.

Remarks:

Confusion as to identity. Acc. No. 6432 is Truesdell from W. N. Irwin 3/30/08. Pom. No. 40650. Specimens in 1922 so labeled. In 1923 specimens were labeled Hawes Crab, likely a mistaken writing for Hawes, but it was noted the fruits were a very pretty, medium

Characterization: sized apple, yellowish white in color heavily speckled and striped with bright red; insipid, very inferior in quality with no suggestion of Crab either in appearance or flavor. Specimens in subsequent years were submitted under name Hawes. In 1924 uncertainty of identity was mentioned with suggestion of resemblance to Randolph in color and striping - mild, sub-acid, fairly good but with no particular merit. 8/14/25 it was noted that the name Hawes should probably be Hawes; that trees at H: 23-24: 2 were recorded at Arlington as Truesdell (in accordance over)

with the Acc. No record although in
the orchard tree #1232 is labeled
Howe; the other Truesdell
Howe the name Howe (or Hows) ever
came to be applied is now (3/26/42)
unknown. Nothing in the fruit
notes in any year to explain it.
On the tree description sheet, a query
was raised as to whether the 2 trees
were identical but no decision
was rendered, although R24 was
considerably larger than R23 - which
does not necessarily have significance.
Apparently the specimens delivered
from season to season were all of the
same variety. No information on
file that is now (3/26/42) available,
as to what Truesdell is like but
in the absence of information it is
now presumed that the variety is
Truesdell.

Characterization: Size medium, regular
except for indistinct ribbing; roundish,
roundish conic, or slightly oblate.
Ground color yellow when fully ripe, very
brilliantly striped with bright red. Scales
numerous about apex, brownish, inconspic-
uous. Flesh lightly tinged yellow fine
grain with but little substance to it;
cracking in juice, mild subacid with
slight characteristic flavor, referred to one
season as a crab flavor, not unpleasant.
attractive but only about fair in quality.

Second sheet, Variety

Trusdell

Storage notes:

(Acc. No. 6432)

10/5/28

Vigor of Tree: (Exceptionally strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large medium small; Color: Light dark normal. *fine foliage*

Habit of Growth: Very upright (roundish broad flat spreading).
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very (medium slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping. *Good - well branched*

Twigs: (Many) medium few: (Medium slender stout) Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout);
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

None

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

Same bur knot - not conspicuous

VARIETY APPLE ORCHARD
Arlington Farm

877

Variety: Trumbull (syn. Fenton Sweet)

Pomology No. 40528

Orchard location: Section

5

Row

20

Tree

3

Arlington Accession No.

6348

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/3	102222	:	1927 -	8/24	109366
1923 -	8/29	103866	:	1928 -		
1924 -	8/29	105204	:	1929 -		
1925 -	9/1	106696	:	1930 -		
1926 -	8/27	107803	:	1931 -		

Blossom dates: 1924 - 5/2, 60% buds open; 5/6 past full.
1925 - 4/14, 40% " " ; 4/20, " "
1926 - 4/30, 25% " "
1927 - 4/25, first bloom, 5/1, 35% buds open.

Remarks:

Specimens received 3/13/08, from W. H. Davis's private collection in Lexington. Record gives name as Fenton Sweet but since that is a synonym of Trumbull (Trumbull Sweet) it seems probable that the name was corrected in the Am. Jour. May 40528.

Characterization:

Medium size; oblate; smooth; cavity russeted. Ground color mainly yellow, nearly self colored. Some specimens may show faint suggestion of blush; a buttermilk overcast; white bloom; dots inconspicuous, but many small leather cracks about which the tissue has turned brown make a fruit that is very unattractive in appearance. Flesh nearly white, only lightly tinged yellow, fine grain, tender, soft, almost melting, sweet, fairly good at just the right maturity, quickly becomes flat with sweet flavor described as pretty dilute. Too unattractive and too pretty

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Author	Title	Year	Volume	Page
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Second sheet, Variety

Trumbull (Anton Sweet) 878

Storage notes:

9/14/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal, *considerably*
if now.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked. *clean*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched.*

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
 $\frac{1}{2}$ - (1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none *many spurs on*
spur twigs.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. Nos. 49035 + 50734

Fruit painted #101262 - 19806 Fruit modeled

Fruit described #4019

Disease notes by J. W. Roberts:

*a fine open type tree - clean,
with strong branches.
an. growth 8" to 10" on
upper branches.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Twenty One

Pomology No.

24572

Orchard location: Section

D

Row 15-16

Tree 2

Arlington Accession No.

3104

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/28	102646	:	1927 -	8/29	104365
1923 -	9/16	104045	:	1928 -		
1924 -	9/13	105378	:	1929 -		
1925 -	9/10	106747	:	1930 -		
1926 -	9/6	107941	:	1931 -		

Blossom dates: 1924 - 5/1, 25% buds open; 5/3, full bloom - very light bloom
 1925 - 4/14, 50% " " ; 4/18, past full.
 1926 - 4/30, 50% " " - very light bloom.
 1927 -

Remarks:

scions received 7/7/02 from
 Prof. L. R. Taft, Mich. Agr. College, East Lansing.

Characterization: Notes mostly 9/15/26. Very large, roundish, or a little elongated; regular; ground color yellow, well colored specimens completely overspread with a heavy wash of bright red and rather indistinct though clearly visible broad stripes; dots numerous yellowish, raised making the purple surface characteristic of the variety. Flesh yellowish, satiny, rather coarse grain, a little locking, in juice, mild subacid; rather flat with no characteristic flavor. Hardly fair in quality; tendency to meekness.

Second sheet, Variety

Twenty Nine

acc. No. 3104

830

Storage notes:

11/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained ~~disappeared~~.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long (medium
short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium few); Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

In general habit suggests some ~~Scrub~~ - kept very growth

Illustrations:

Tree photographed Neg. No. 47952 is more upright.

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

*Trunk bark par. may be due to location
which is low. Bark of main limbs is very
rough as though infected with some
disease that is superficial; similar in
appearance to yellow New Town trees in
this respect.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Twisty

Pomology No.

24487

Orchard location: Section

C

Row

24

Tree

1

Arlington Accession No.

3046

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/11	102246	:	1927 -		
1923 -	8/23	103862	:	1928 -		
1924 -			:	1929 -		
1925 -	9/1	106697	:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 - no bloom

1925 - 4/14, 50% buds open; 7/15, past full.

1926 -

1927 -

Remarks:

Scions received 4/5/22 from John C. Moorman, Whitdale, Ohio.

Characterization:

9/5/20: Small, roundish, regular. Ground color pale yellow, heavily splashed and striped with bright red - bright colored fruits being nearly solid red on exposed side. Flesh tinged yellow, fine grain, tender, juicy - moderately so, mild and pleasant, fairly good but too small to be of any particular value.

1. *General Information* 2. *Administrative* 3. *Financial* 4. *Personnel* 5. *Programs* 6. *Facilities* 7. *Other*

General Information			Administrative		
Item	Value	Unit	Item	Value	Unit
1. <i>General Information</i>	1.0000	1.0000	1. <i>General Information</i>	1.0000	1.0000
2. <i>Administrative</i>	2.0000	2.0000	2. <i>Administrative</i>	2.0000	2.0000
3. <i>Financial</i>	3.0000	3.0000	3. <i>Financial</i>	3.0000	3.0000
4. <i>Personnel</i>	4.0000	4.0000	4. <i>Personnel</i>	4.0000	4.0000
5. <i>Programs</i>	5.0000	5.0000	5. <i>Programs</i>	5.0000	5.0000
6. <i>Facilities</i>	6.0000	6.0000	6. <i>Facilities</i>	6.0000	6.0000
7. <i>Other</i>	7.0000	7.0000	7. <i>Other</i>	7.0000	7.0000

1. *General Information*
 2. *Administrative*
 3. *Financial*
 4. *Personnel*
 5. *Programs*
 6. *Facilities*
 7. *Other*

1. *General Information*
 2. *Administrative*
 3. *Financial*
 4. *Personnel*
 5. *Programs*
 6. *Facilities*
 7. *Other*

1. *General Information*
 2. *Administrative*
 3. *Financial*
 4. *Personnel*
 5. *Programs*
 6. *Facilities*
 7. *Other*

Second sheet, Variety

Twisty (acc. No. 3046.)

Storage notes:

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #38753

Fruit modeled

Fruit described #9812-38753

Disease notes by J. W. Roberts:

3/4/26 a small poor tree; looks stunted
but has many spurs; production
may be relatively good; upright
spreading - habit of growth.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Upp(?)*

Pomology No. 24347

Orchard location: Section *B* Row *25-26* Tree *3*

Arlington Accession No. *1929*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>9/26</i>	<i>109549</i>
1923 -	<i>9/27</i>	<i>104119</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>10/1</i>	<i>107024</i>	:	1930 -		
1926 -	—	—	:	1931 -		

Blossom dates: 1924 - *no bloom*
1925 - *4/15, first bloom*
1926 - *4/28, very late; in pink stage; only an occasional bud shows white.*
1927 -

Remarks: *scions received in 1902 from N. Y. exp. station. Each of the fruiting years doubt was indicated as to correctness of identification - largely because of lack of information as to what Upp should be like. In 1923 it was noted that the fruit did not agree with paintings on file - fruit was small, green, with dull red overcast of red, subacid, slightly asbrumpt [suggests a crab]. 10/13/25: There appeared to be 2 varieties in the orchard sample even though marked as Upp.*

Characterization: *coming from B! 25: 3. It was further observed that 2 paintings of Upp were on file, from fruits received from the same party in successive years. These paintings differ so widely as to suggest the fruits were not of the same variety. The calyx tubes, seeds and core lines as shown are so unlike. The calyx tubes, seeds and core lines as shown are so unlike as to suggest varieties shown are different. Further painted out that one of the types in this 1925 sample might be the same as fruit shown in painting No. 7743. Except that it was nearly devoid of red color - on the exposed side there was merely a rather light bronze blush. This fruit was further (over)*

Characterized as follows: Form oblate, regular
except ribbing slightly; ground color yellow;
Calyx tube large, deep, cylindrical;
Flesh tinged yellow, fine grain,
tender; sprightly subacid, slightly
spicy, fairly rich, pretty good.

9/29/27 specimens - all from B:25:3

(B:26:3 was probably taken out during 1926)
are characterized as follows: Good size,
roundish or roundish conic; halves
unequal, sometimes lopsided; cavity
medium depth, rather broad; basin fairly
broad, rather shallow; sepals fairly long,
partially recurved; eye medium, partially
open; ground color yellow, with a
rather thin overspread of dull red,
with indistinct stripes; considerable
fine leather cracking; dots comparatively
few, brownish. Flesh yellowish, fairly
fine grain, rather firm, breaking, quite
juicy, sprightly subacid. Probably
would be fairly good when fully ripe.
Not yet in prime eating condition
though apparently not a long keeping
apple. Too unattractive, on basis
of these fruits to be of much value.

Second sheet, Variety

Upp? (acc. No. 1929)

Storage notes:

1/6/28 (?)

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #7743-10772 Fruit modeled

Fruit described #3969-7455

Disease notes by J. W. Roberts:

B: 26: 3 was probably removed in 1926.

was "out" at least in 1928.

B: 25: 3 is small, weak. Poor. Fine
trees of other varieties surround it. Whether
there is some root trouble, or the tree is
inherently weak is not known.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Utter* (by identification) see Remarks.
Pomology No. *Apparently not recorded in Pomology.*
Orchard location: Section *E* Row *11-12* Tree *4*
Arlington Accession No. *4213* (*See Remarks - Acc. No. 3379*)
(*D: 25-26: 4*)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/23</i>	<i>102317</i>	:	1927 -	<i>9/11</i>	<i>109367</i>
1923 -	<i>9/8</i>	<i>103909</i>	:	1928 -		
1924 -	<i>9/13</i>	<i>105621</i>	:	1929 -		
1925 -	<i>9/5</i>	<i>106749</i>	:	1930 -		
1926 -	<i>8/27</i>	<i>107942</i>	:	1931 -		

Blossom dates: 1924 - *4/28*, 50% buds open; 5% full bloom.
1925 - *4/14* past full, 50% petals off.
1926 - *4/30*, still buds, petals dropping?
1927 -

Remarks: *Acc. No. 4213 was received as scions 2/14/03 from Kansas State Agricultural College as Scarlet Crabapple. The fruit was identified in 1922 as Utter, which was not questioned at any later time. Acc. No. 3379, received as scions in 1902 from A. J. Phillips, West Salem, Wis. No notes were made on any samples of fruit, and only 2 seasons' samples were*

Characterizations: *received: in 1922, picked 9/23, and in 1924, picked 9/5. Acc. No. 3379 was located at D: 25-26: 4.*
Medium size.
Smooth except for ribbing.
Ground color yellow, with light wash of red and faintly striped - some seasons red wash is lacking, dots, moderately numerous, some brownish, more or less conspicuous, depending largely on surface color, sometimes raised.
Flesh yellowish, satiny, fairly fine grain, tender, only moderately juicy, mild subacid, rather flat, lacks richness, fair in quality; a peculiar flavor, possibly (over)

inherent, - may be absorbed, but mentioned
mentioned in 2 different seasons.

In 1825, in several specimens
this apple and Hockman, both
delivered from Arlington Farm at
the same time, looked much
alike.

Second sheet, Variety

Utter (acc. No. 4213
by identification)

Storage notes:

126/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *well branched*.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long (medium
short) straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47997. See also Neg. No. 42663

Fruit painted 8176 - 54160 Fruit modeled
and one not numbered

Fruit described 20087 - 20201 - and one old -

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Vanderpool*

Pomology No. 40367

Orchard location: Section *G* Row 13-14 Tree 1

Arlington Accession No. 6330

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/28	102633	:	1927 -	9/8	109387
1923 -	9/16	104047	:	1928 -	—	—
1924 -	10/4	—	:	1929 -	8/29	111124
1925 -	9/16	106832	:	1930 -	—	—
1926 -	9/7	107943	:	1931 -	—	—

Blossom dates: 1924 - 5/2, 75% buds open; 5/6, little past full.
1925 - 4/15, 25% " " ; 4/20, " " "
1926 - 4/30, 50% " "
1927 - 4/25, 90% " "

Remarks: Scions received 3/13/08 from Chico Nur. Co.
Chico, Calif.

Some specimens have a suggestion of
winesap in color markings, flesh
characteristics and flavor, though higher
quality than winesap.

Characterization: Size medium, or below, roundish
conic to oblong conic, regular; cavity
medium, stem 1/2", medium; basin medium,
rather shallow; sepals converging; eye small,
closed. Ground color yellow, overlaid with a
heavy wash of bright red in best colored fruits;
dots minute, whitish, inconspicuous, a few
raised; flesh yellowish, fine grain, good body,
juicy, mild subacid, pretty good - better than
(over)

the general run of varieties.

11/3/27. Fruits in office refrigerator since harvest. Some fruits a little wilted - not much. Evidence of long keeping finally but in fairly good eating condition now.

Second sheet, Variety

Vanderpool (acc. No. 6330)

Storage notes:

1926 Crop. Out of storage 1/31/27.

Exam. 12/27 in office refrigerator. Meanwhile a little shriveled, otherwise in good condition. Texture rather firm, breaking, a little lacking in juice, much subacid. Retains flavor fairly well. Fruit was probably immature when picked. Same fruit as above. Further data - stored 1/9, out 1/31/27. Exam. same date. Fine grain, fairly firm and breaking but good eating condition. Fairly juicy, fairly rich. Shows no storage troubles.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage. Very abundant (normal) scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Same leaf as at.

Habit of Growth: Very (upright) roundish broad flat spreading. Central leader: Partially retained (disappeared).

9/10/28

Branching:

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked. Smooth

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. Well branched.

Twigs: Many (medium) few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy. 1928 growth short.

Spurs: Very many medium few; Very medium (slender) stout; (1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

5:14:1. Leaves small and scanty - Tree looks vigor.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

None #46003-49796

Disease notes by J. W. Roberts:

Variety Apple Orchard
Arlington Farm

859

Vandevere -

There were 7 lots in the Arlington Farm orchard that were supposedly this variety. The basic question is "What is Vandevere"? A corollary of this question is which, if any of these lots were Vandevere. As the notes show there were obviously 2 distinct types of apples, perhaps more, in these different lots - one, a medium sized to small apple quite distinctly ribbed, the other referred to as the Smokehouse or Summer Rambo type because of the general resemblance in form and color markings to those varieties. However it appears that Vandevere with same prefix occurs in the literature as a synonym of Smokehouse. A question now ($\frac{4}{5}/\frac{4}{3}$) arises as to whether one or more of the so-called Smokehouse type lots of Vandevere may not in fact have been Smokehouse. Further, Vandevere (of N.Y.) is a synonym of Newtown Spitzburg. A question arises as

as to whether Newtown Spitzenburg
was included in this collection
That seems, however, rather unlikely;
The different lots and their
designations, sources &c are listed
as follows:

Variety - Scions received in 1902
from N.Y. Expt. Station as
Huntzman - which from
the fruit it was clearly not.
Fruit from Arlington in
1922 received labeled as
Vandevere - by whose
direction or authority, or
where given is not a matter
of record. Identity was never
definitely settled.

Pom. No. 24278

Orchard location - A : 25 : 1

Acc. No. 1860

Variety: Vandevere Improved

Pom. No. 24348

Orchard location: B : 25-26 : 4

Acc. No. 1930.

Scions in 1902 from N.Y. Expt. Station.

2

Variety: Vandevere

Pom. No. 24479

Orchard location: C: 14:3

Acc. No. 3019

Scions received 7/5/02 from

Benj. Buckman, Farmingdale, Ill.
(These were sent with scions of 14 or 15 other varieties.)

Variety: Vandevere

Pom. No. 28095

Orchard location - E: 21-22:2

Acc. No. 4310.

Scions received 7/10/03 from

Benj. Buckman, Farmingdale, Ill.

Why scions of the same variety were sent in 2 successive years is not now clear. There may be some-

thing in the records in explanation.

As nearly as can be determined from very brief notes, especially on No. 3019, it seems clear the 2 lots represented different varieties.

Apparently scions sent for report sent were cut from "Black's" "family favorite" which Mr. Buckman considered same as Vandevere.

Variety: Scions received as Vandevere, (11664)*
probably intended for Vandevere.

Pom. No. 40566.

Orchard location - H: 7-8:1

Acc. No. 6384.

Scions received 3/13/08.

* These were Mr. Buckman's scions from 1896 - 4 of which went to Mr. Brown.

Variety: Vandevere - Received as Vandevere
Pom. No. 46343
Orchard location - J:19-20:4
Scions received in 1910.

Variety: Received as Vandevere
Pippin - which may be
correct. Such a variety
distinct from Vandevere is
recognized in the literature.
The fruit specimens, however,
was considered within the range
of the Vandevere types, but of
the Smokehouse or Summer
Rambo comparison

Pom. No. 40643
Orchard location - H:19-20:5
Acc. No. 6425
Scions received from W. H. Irwin
March 27/08.

More detailed notes on fruit
samples and orchard records
follow.

VARIETY APPLE ORCHARD
Arlington Farm

893

Variety: *Vandevere* ? (see Remarks)

Pomology No. 24278

Orchard location: Section *A* Row *25* Tree *1*

Arlington Accession No. *1860* (Recorded as *Huntsman*)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/18</i>	<i>102530</i>	:	1927 -	<i>9/23</i>	<i>109550</i>
1923 -	<i>9/13</i>	<i>103914</i>	:	1928 -		
1924 -	<i>9/24</i>	<i>105493</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>9/20</i>	<i>108372</i>	:	1931 -		

Blossom dates: 1924 - *4/30, full bloom*
 1925 - *4/13, 90% buds open*
 1926 - *4/28, 90% " "*
 1927 - *4/12, 20% " "*

Remarks: Scions received in 1902 from N. Y. Agr. Expt. Station as *Huntsman*, which from an examination of fruit specimens it very clearly was not. In 1923 Mr. Brunk noted that this variety and *Hurlbut* (he wrote it *Hulbut*) seemed to be alike.

Characterization: I noted that it seemed to agree with *Vandevere* and it was received from Arlington in later years as such — but there is doubt as to correctness of identification. Medium size, slightly oblate, sometimes a little conical, mostly smooth, regular, not very unlike, in appearance, many specimens of *Summer Rambo* though smaller than that variety, usually is; cavity medium depth, rather narrow, considerably russeted; (over)

ground color rich yellow, with considerable red striping; more highly colored fruits overspread with dull red; most fruits, at least some seasons have a light overspread of gray. Oats variable, usually submerged, very inconspicuous, often brownish, & seed, medium size, conspicuous on yellow ground color. Flesh white, fine grain, fairly juicy, mild subacid, rich, pretty good. Fruit specimens were drops - somewhat overripe.

When describing the tree 5/13/26 it was noted that the fruit looked like Summer Rambo but was crisper, more juicy, more breaking - and later than that variety.

594
Second sheet, Variety *Vandevere*? Acc. No. 1860

Storage notes:

A: 25:1

See Arlington Farm
Jan 5/28
storage crop 1927

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: (Very abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light dark (normal)

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. Annual growth 8-10 inches

Spurs: Very (many) medium few; Very medium slender (stout);
(mostly 1, 2 - 1) - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Fruit mostly on spurs, largely on outer parts of tree.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Aug. Nos. 42666, 42667 & 47895

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Tree is upright type
- not willow type of same Vandevere
(supposedly) trees. Poorly pruned in earlier
years - too much bare space in interior.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Vandevere*

Pomology No. *24479*

Orchard location: Section *6* Row *14* Tree *3*

Arlington Accession No. *3019*

Year --	Date Picked	Pomology Number	:	Year --	Date Picked	Pomology Number
1922 --	—	—	:	1927 --		
1923 --	<i>10/26</i>	<i>104307</i>	:	1928 --		
1924 --			:	1929 --		
1925 --			:	1930 --		
1926 --			:	1931 --		

Blossom dates: 1924 - *5/3, a little past full.*
1925 - *4/14, 75% buds open; 4/18, a little past full.*
1926 - *4/28, 75% " "*
1927 -

Remarks: *Scions received 4/5/02 from*
Benj. Buckman, Farmingdale, Ill.
Why only one picking record was made
is quite uncertain. Apparently there
was some question about identity, though
the tree apparently was the drooping willow type

Characterization: *Merely a pencil* *of some supposed*
Vandevere tree
note, medium size,
oblate red apple having a few large
russet dots. Notes too brief to be of
much value.

Second sheet, Variety

Vandevere (Acc. No. 3019) 896

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47925

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

A brief note saying type ? tree
same as Acc. No. 1930. B:25-26:4-
which see.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Vandevere*

Pomology No. 28095

Orchard location: Section

E

Row

21-22

Tree 2

Arlington Accession No. 4310

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	10/6	109661
1923 -	11/3	104359	:	1928 -	10/23	110736
1924 -	10/4	—	:	1929 -	—	—
1925 -	11/4	105983	:	1930 -	—	—
1926 -	10/20	108715	:	1931 -	—	—

Blossom dates: 1924 - 5/1, 40% buds open; 5/6, petals dropping.
1925 - 4/14, 60% " " 4/18, little past full.
1926 - 4/30, 75% " "
1927 -

Remarks: Scions received 3/10/35 from Benj. Buckman Farming Co., Ill. as were scions of Acc. No. 3019 received in 1902. Why scions supposedly of the same variety were sent from same source in 2 consecutive years is not clear. Only one picking record of No. 3019 on file. While there was some question regarding identity of No. 4310, it

Characterization: Monthly 1926 notes. Medium size. Fruited, willowy tree type of Vandevere. to above; oblate, slightly conic, indistinctly ribbed*, otherwise quite regular and uniform. Cavity deep, broad, same bushing; stem 1/2", slender; basin deep, broad, similar to Jonathan or Ben Davis; sepals short, recurved, eye large, open. Ground color yellow, pretty well overtopped with a wash of bright red, and darker (* Some scions ribbed much more distinct than others).

red, indistinct stripes. Dots fairly numerous
numerous, large, yellowish, mostly
slightly raised, very minute. Leather
cracking about cavity, + ash yellowish,
somewhat setine, fairly fine grain,
cracking, a little lacking in juice,
mild subacid, fairly rich, good
to very good. Fruit held at room
temperature for 7 to 10 days - probably
has lost flavor somewhat. In season
now 11/6/26.

* see note on cover sheet for this no.
Apparently - from your letter, the second
sending of seeds was repeated. Four
no. 11664 also seeds of this variety were
from Mr. Buckman - very probably
an repeat. 4 of these went to Mr.
Irvine from which he likely propagated
(from his money tree) no. 40643

Second sheet, Variety *Pandwre* (acc. No. 4310)

Storage notes: 1926 Crop. Out of storage 3/24/27. Exam. 4/1/27
In excellent condition physically. quite tender
a little lacking in juice, fairly rich - a little
flat - a little past prime, but pretty good.

1928 Crop. Stored 10/27; out 4/10/29. Exam 4/1/29
Excellent condition - firm solid. Very good.
Probably one of best in quality at this date of
the whole collection. Has kept in better condition
than most varieties to this date.
June 4, 1929. In refrigerator meanwhile? some decay,
some shriveling but flavor is still pretty good.

Vigor of Tree: Exceptionally strong average weak. Size: (over)
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Tree same in type and habit
of growth as acc. No. 1930, B: 25-26: 4
Twigs decidedly willowy.*

"Held in cold storage until this
date [June 4] it would probably
be in prime condition"

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Vandevere Improved*
Pomology No. *24348* (This No. should probably be *24343*)
Orchard location: Section *B* Row *25-26* Tree *4*
Arlington Accession No. *1930*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -	<i>4/26</i>	<i>109551</i>
1923 -			:	1928 -	<i>10/6</i>	<i>109660</i>
1924 -			:	1929 -		
1925 -	<i>10/16</i>	<i>107130</i>	:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 - *5/1, 50% buds open; 5/3, slightly past full.*
1925 - *4/14, 90% " "*
1926 - *4/28, 50% " "*
1927 -

Remarks: *Scions from N. Y. Expt. Station, 1902.*
For trees propagated in 1902, the reason for
only 2 years picking records is not clear.
From tree notes in 1928 (which see) the trees were
apparently in good condition. What the difference
is, if any, between Vandevere Improved and Vandevere, is
not clear.

Characterization: *Medium size, sometimes above, roundish*
conical, ribbed. (different especially in ribbing from some
of others under name Vandevere). Cavity medium width,
rather deep; basin medium depth, rather wide tending
to be saucer shape, sides flaring; sepals short, recurved;
eye large, open. Ground color yellow, partly and overlaid
with a wash of rather heavy bright red, indistinct stripes.
Tints variable in number and appearance - some subterminal
but mostly raised, brownish, some surrounded by yellowish
areolar markings, some large, stellate, conspicuous. (over)

Flesh tinged yellow, somewhat satiny,
fairly fine grain, inclined to be breaking,
slightly lacking in juice, mild subacid,
rich, pleasant, fairly good. 1/26/25-

950
Second sheet, Variety *Handwore Improved* (acc. No. 1930)

Storage notes: Picking 7/26/27, stored 17; out 7/9/28
Exam. 7/8/28, some scald. Noted as the
smallest of the several lots labeled *Handwore*.
Flesh slightly tinted yellow - nearly white, firm, bright
fine grain! Lacking in juice, mild subacid,
flat, lacking richness, poor (Picked too early?)
Picking 7/6/27, stored 17; out 7/8/28; Exam. 7/13/28.
In excellent condition, except for a little scald.
The noted type. Tender, fairly juicy, flesh salmy,
sprightly subacid, good in quality.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading. 11/28
Central leader: Partially retained disappeared.

Branching: *well branched*

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *well branched*

Secondary limbs: Numerous medium few: Medium slender stout;
(some limbs Drooping)

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; *Willowy, drooping*

Spurs: Very many (medium) few; Very medium (slender) stout;
1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched);

Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47931

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

Very different from some of other trees
supposed to be *Handwore*. Some of others
have few if any fruit spurs but bearing is
practically all terminal on drooping twigs.
This one bears mostly on spurs, but
its general willowy drooping habit is same.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Vandever* (11664) Probably same as *Vandevere*

Pomology No. 40566

Orchard location: Section *H* Row *7-8* Tree *1*

Arlington Accession No. *6384*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/13</i>	<i>102856</i>	:	1927 -	<i>9/28</i>	<i>109621</i>
1923 -	—	—	:	1928 -	<i>9/28</i>	<i>110640</i>
1924 -	<i>10/4</i>	<i>105632 1/2</i>	:	1929 -		
1925 -	<i>9/17</i>	<i>106833</i>	:	1930 -		
1926 -	<i>10/24</i>	<i>108373</i>	:	1931 -		

Blossom dates: 1924 - *5/2*, 75% buds open; *5/6*, considerably past full but still some buds.
1925 - *4/15*, 50% " " *4/20*, past full but still buds.
1926 - *4/30*, 75% " " — suggests summer
1927 - *4/26*, 20% " " *5/1*, 90% buds open. Rainbow in appearance.

Remarks: Scions received *3/13/08* from private collection of W. N. Brown in England. This is the Smokehouse type of *Vandevere* — if it is *Vandevere*. Mr. Brown's propagation was made from scions received as *Vandevere* Pippin. Pom. No. 11664 from Benj. Buckman, Farmingdale, Ill. *4/2/86* and 4 of which went to Mr. Brown.

Characterization: Good size, oblate, lobes sometimes unequal, cavity medium depth, fairly broad, a good many lipped; basin rather shallow, broad, sepals reflexed, eye open, very large; dots variable, some brownish, small, others slightly raised, yellowish, rather inconspicuous. Some fruits show tendency to russet (May be spray). Ground color — rich yellow, overspread with rather thin bright red, sometimes heavier about base, some stripes and splashes. Flesh distinctly yellow (over)

fine grain, firm, breaking quite
juicy, slightly subacid, with char-
acteristic pleasant tang, fairly rich,
probably very good when fully mature
10/17/27. Probably at best, is one of
the highest in quality of the
so-called Sandwichees.

Note

at least Pam. No. 40566 has a cross reference
to Pam. no. 11664 - the latter being scions
from Mr. Buckman. Whether Mr. Swin
began propagating his private collection
as early as 1896 is uncertain. The scions
of this supposed Sandwichee which he
supplied were not received until 1908.

Second sheet, Variety *Vandevere* (acc. No. 6384)

Storage notes: 1927 Crop. Out of storage probably lost for
In office refrigerator since. Exam 11/10/28. In pretty
good physical condition kept for a little
showing. Held in cold storage, would probably
have kept for a long time. Fairly sprightly subacid,
fairly rich, good. 1928 Crop. stored 1/2; out 4/29;
exam. 7/29. In prime condition. Grain a little
coarse, fairly good body. Fairly juicy, sprightly
subacid, fairly rich, good. Acidic - quite pronounced.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad flat spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very medium slender
clean (stout) Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*.

Twigs: (Many) medium few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - (1 - 2) - 3 inch; Mostly (branched) *crooked* unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

not close together but well distributed.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

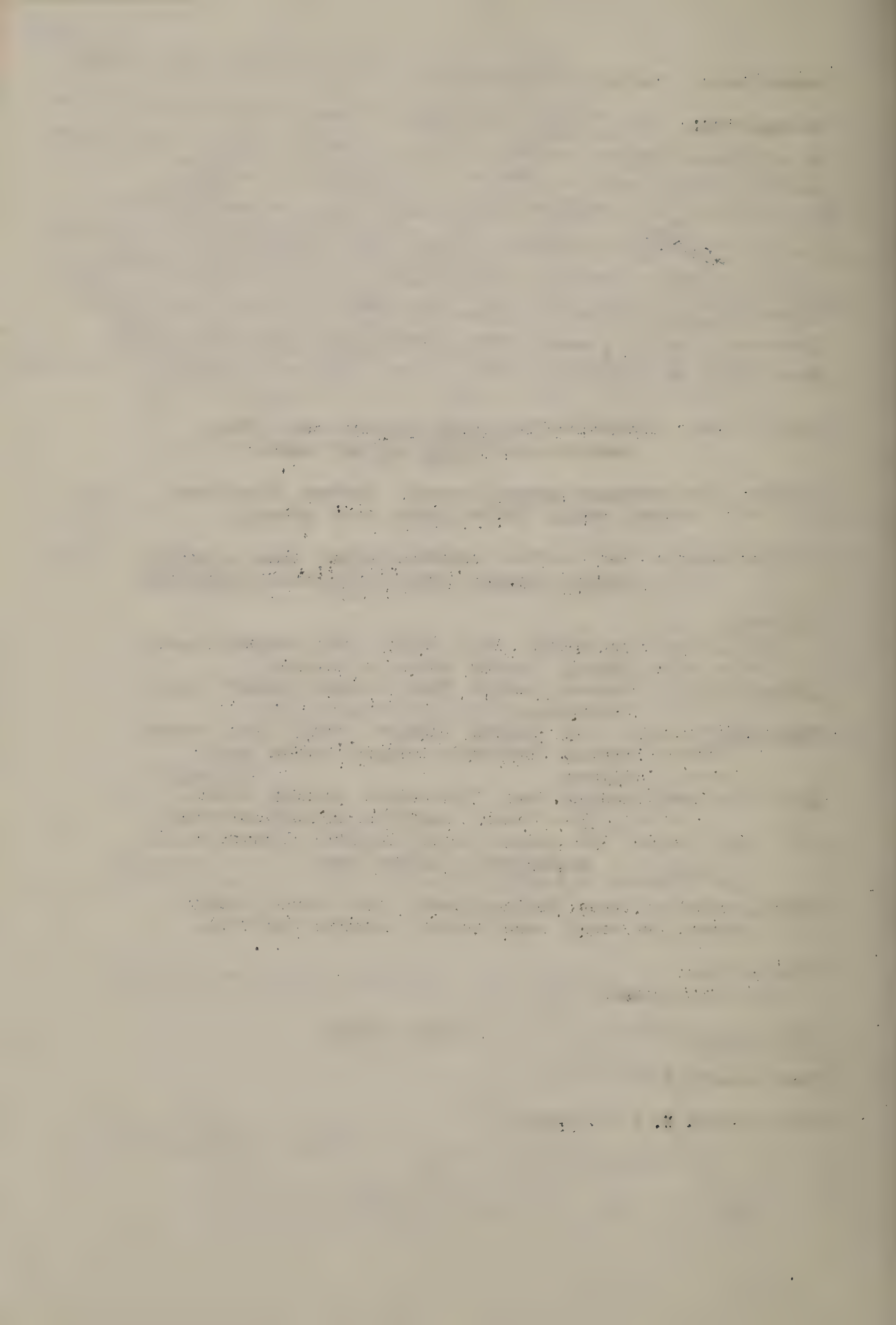
Tree photographed Neg. Nos. 42646, 42677 & 49658

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

*a fine strong, low spreading
top - a fine type of tree.*



VARIETY APPLE ORCHARD
Arlington Farm

Variety: Vandiver (Probably same as Vandevere)
Pomology No. 46343 (see over for name)
Orchard location: Section J Row 19-20 Trees 4
Arlington Accession No. 8253

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	10/10	102794	:	1927 -	10/10	109662
1923 -	—	—	:	1928 -	10/10	110658
1924 -	10/18	106041	:	1929 -	9/25	111256
1925 -	10/14	107113	:	1930 -	—	—
1926 -	10/20	108716	:	1931 -	10/6	112358

Blossom dates: 1924 - 5/2, 50% buds open; 5/6, petals mostly off
1925 - 4/13, 50% " " ; 4/20, part full.
1926 - 5/3, part full bloom, petals falling considerably.
1927 - 4/16, first bloom.
1928 - 4/26, 20% buds open; 5/2, 95% buds open.

Remarks:

Scions received in 1910 as Vandiver. Only appearance of this name in the literature is as a synonym of Vandevere - which the variety probably was. In 1924 it was noted that some fruits suggested Nero, but notes indicate resemblance to Vandevere. In later years repeated reference were made to similarity of the fruit to Acc. No. 4310. B:25-26:4 received as Vandevere Improved. The likeness of which to the ribbed type of Vandevere was not questioned. Size medium, on below, oblate, slightly ribbed. Cavity deep, abrupt; stem 1/2" to 5/8" conic; rather slender; basin broad, medium depth, abrupt. sepals partially reflexed, size medium size, partially open. ground color yellowish, overspread with dark red, and fairly distinct stripes if red is not too dark; dots more or less scattered, yellowish, large, conspicuous. Flesh yellowish, somewhat satiny, fairly fine grain, (over)

a little tough, slightly lacking in juice
which may increase with increasing
maturity. very milk subacid, pleasant
fairly rich, good to very good. $\frac{11}{12}$ y. would
probably be better in quality if a little
more mature.

Pan No 46343. Vander - known record
2/18/10 from Ford Shaw, Summer Hill
Ill.

Second sheet, Variety

Vandiver (probable syn. 904
of Vandevere)
acc. No. 8253. 19-20:4

Storage notes:

1926 Crop. Out of storage 7/24/27
Exam. 7/27. Seems identical with acc. No. 4310,
Vandevere Improved, except is smaller, a
little firmer, and perhaps flavor retained
a little better than the larger fruits.

Crop of 1928. Stored 7/18; out 11/18/29. Exam 11/19/29
In excellent condition, would have held
in storage for some time yet. Fruit juicy
(over)

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
50% stiff, medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium slender
stout); Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; (Straight) branched twiggy; Medium open
(dense); (Willowy)

Spurs: Very many medium (few) Very medium (slender) stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; (Terminal bearing mostly)
considerable slight none

General aspect of tree: Medium (slender) open dense (medium
grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Tree has well formed frame work, symmetrical;
great number of twigs with willowy habit of
growth seems characteristic.

Very like the type of acc. No. 1430. B: 25-26:4
and acc. No. 4310. E: 21-22:2.

as compared with an earlier note ¹⁰⁷ 1/30/24
that it was somewhat tough and rather
lacking in juice. 1/19/29 - good to very
good - but ~~possibly~~ would be better if
slightly more mature.

VARIETY APPLE ORCHARD
Arlington Farm

905

Variety: *Vandevere Pippin*

Pomology No. 40643

Orchard location: Section *H* Row *19-20* Tree *5-*

Arlington Accession No. *6425*

Under the name Vandevere entry #40643 there is a cross reference to entry #11578 which records a specimen of "Newtown Pippin"

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number	:	
1922 -	<i>9/25</i>	<i>102621</i>	:	1927 -	<i>9/21</i>	<i>109552</i>	:	<i>apple from</i>
1923 -	<i>10/12</i>	<i>104250</i>	:	1928 -	<i>-</i>	<i>110397</i>	:	<i>Reese County</i>
1924 -	<i>10/8</i>	<i>105711</i>	:	1929 -	<i>9/9</i>	<i>111149</i>	:	<i>Huntsville</i>
1925 -	<i>9/23</i>	<i>106829</i>	:	1930 -	<i>-</i>	<i>-</i>	:	<i>Ky.</i>
1926 -	<i>9/20</i>	<i>108311</i>	:	1931 -	<i>10/6</i>	<i>112357</i>	:	

Blossom dates: 1924 - *5/2, full bloom*
 1925 - *4/15, still buds but petals falling*
 1926 - *4/30, 75% buds open*
 1927 - *4/12, first bloom*
 1928 - *4/20, " " ; 4/26, 30% buds open; 5/1, 75% buds open - petals falling.*

Remarks: *Scions from W. N. Irwin, 3/27/08. Handled in orchard as Vandevere but received as Vandevere Pippin, which according to the literature is different from Vandevere.*

Characterization: *In 1923 (10/8) it was noted that yield that specimens of winter Smokehouse have very long slender stems and this one (acc. no. 6/425) has stout stems - 1/5" to 3/4" long - they could hardly be separated from exterior appearance. This apple seems later (harder) than winter Smokehouse. Both closely resemble very highly Smokehouse but seem later in season than that variety. In 1926, this apple was regarded (over)*

as the same as A:25:1 (acc. No. 1860) &
but in 1926 these apples showed only
a very little unaltered red striping.
In 1929 there was also but very little
color.

1928 Characterization. Good size,
oblate, slightly conical; cavity medium
depth, rather broad; stem 1" slender;
basin medium depth, broad; sepals
reflexed, eye large, open; ground
color deep yellow, with faint red stripes;
dots brownish, medium size, some
quite conspicuous; flesh yellowish,
fine grain, tender, quite juicy,
mild subacid, fairly rich. Possibly
would have been good or very good
properly handled. Held in office
refrigerator from harvest till

12/25. Then somewhat shriveled
but otherwise ^{fairly} good physical
condition. Probably have lost
some flavor as compared
with their best condition.

Second sheet, Variety

Pandore Pippin (acc. No. 6425)

Storage notes:

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: Partially retained (disappeared).

Branchings:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight (crooked)

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long medium
short; (Straight) branched twiggy; Medium open
(dense) Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
 $\frac{1}{2}$ - 1 - (2 - 3 inch) Mostly (branched) unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much (broader ~~narrower~~ than tall).

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*apparently healthy but rather dwarfish -
May be same crown gall. Both
trees on a bank - a rather poor
location.*

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VARIETY APPLE ORCHARD
Arlington Farm

Variety: Vanhoy (syn Vanhoy no core)

Pomology No. 24476

Orchard location: Section 6 Row 19-20 Tree 5

Arlington Accession No. 3040

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<u>10/25</u>	<u>102868</u>	:	1927 -		
1923 -	<u>10/26</u>	<u>104303</u>	:	1928 -		
1924 -	<u>10/28</u>	<u>105962</u>	:	1929 -		
1925 -	<u>10/16</u>	<u>107132</u>	:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 - 5/1, 25% buds open
 1925 - 4/14, 25% " " 4/18, 40% buds open.
 1926 - (very large conspicuous white blossoms)
 1927 -

Remarks: Scions received in 1902 from
Benj. Buckman, Farmingdale, Ill.
Variety supposed (assumed) to be correctly
named.

Characterization: Medium size or above, general
form roundish, but irregular, ribbed. Ground
color greenish yellow, more or less overlaid
with a dull brownish red, and indistinct stripes;
dots numerous, mostly raised, some stellate, others
areolar. Large, conspicuous, making a
dull, unattractive apple. Flesh yellowish, fine
grain, rather firm but tender, 10/23/25 rather acid
at present degree of maturity, with no characteristic (poor)

flower, but $\frac{107}{30/24}$ white rather and
it was said to be "better than it looks"
however, too irregular in shape and too unattractive
to be of much value. (No 2d sheet)

$\frac{3}{4/26}$ Very fine large trees.
Nearly as large and much
same habit of growth
as those.

Fig. Nos. 44698 + 44752
Paintings: several
description: #15137

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Victoria*

Pomology No. 28427

Orchard location: Section

F

Row 1-2

Tree 1

Arlington Accession No. 4324

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	8/22	109368
1923 -	8/23	103849	:	1928 -		
1924 -	9/13	105385	:	1929 -		
1925 -	9/5	106750	:	1930 -		
1926 -	9/9	107945	:	1931 -		

Blossom dates: 1924 - 4/28, first bloom; 5/6 much past full -
1925 - 4/14, 50% buds open; 4/20, considerably past
1926 - 4/30, 95% " " (full)
1927 -

Remarks: Scions received 3/13/03 from
N.Y. Expt. Station, as *Victoria Sweet*. It is probable that this
is identical with Acc. No. 1931 (B:25:5)
received from same source in 1902, as
Victoria Sweet. In 1925 similarly 7 fruit of
Acc. Nos. 4324 and 1931 was noted.

Characterization: Mostly 1925 notes - Medium size, slightly
oblate conic, sometimes merely oblate; ground color
yellow, with nearly complete wash of dark red,
and slight speckling and striping where red wash
is not so heavy; fairly heavy white bloom;
dots numerous, large, raised, conspicuous, many
appearing as small irregular breaks in the skin (1965)
and usually surrounded by light brown or yellowish
areas, flesh tinged yellow, fine grain, tender, fairly juicy,
distinctly sweet, fairly rich, pretty good.

Inventory of the Department of the Interior Bureau of Land Management Alaska Division Fairbanks, Alaska

Section	Subsection	Area	Acres	Remarks	Owner	Value
100-1	100-1	100-1	100-1	100-1	100-1	100-1
100-2	100-2	100-2	100-2	100-2	100-2	100-2
100-3	100-3	100-3	100-3	100-3	100-3	100-3
100-4	100-4	100-4	100-4	100-4	100-4	100-4
100-5	100-5	100-5	100-5	100-5	100-5	100-5
100-6	100-6	100-6	100-6	100-6	100-6	100-6
100-7	100-7	100-7	100-7	100-7	100-7	100-7
100-8	100-8	100-8	100-8	100-8	100-8	100-8
100-9	100-9	100-9	100-9	100-9	100-9	100-9
100-10	100-10	100-10	100-10	100-10	100-10	100-10

100-11
 100-12
 100-13
 100-14

100-15

100-16

100-17

Second sheet, Variety

Victoria (acc. No. 4324)
7:1-2:1)

Storage notes:

1/26/28

Vigor of Tree: Exceptionally strong (one) (one) Size:
Exceptionally large (one) (one) (weak.)
average average (small.)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (same as usual)
Central leader: Partially retained (disappeared) (spreading.)

Branching: well branched

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight (crooked)

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping. Small

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout);

1/2 - (1 - 2 - 3 inch); Mostly (branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47982

Fruit painted Several (Victoria) Fruit modeled

Fruit described Several (" ")

Disease notes by J. W. Roberts:

Crooked main
limbs and numerous twigs
and spurs noticeable.

description of Victoria: #19175 but this is
a subacid apple.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Victoria Sweet* (Probably same as *Victoria*
renewed from same source
in 1903. (acc. No. 4324,
7:1-2:1)
Pomology No. 27349
Orchard location: Section B Row 25 Tree 5
Arlington Accession No. 1931

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	9/15	10544	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	9/9	107944	:	1931 -		

Blossom dates: 1924 - 5/1, full bloom
1925 - 4/14, " "
1926 - 4/28, " "
1927 -

Remarks: Scions renewed in 1902 from
N. Y. Expt. Station. Why so few
picking records is not clear—
unless because of uncertainty of identification.
It was noted in 1924 that none of the specimens
agreed at all closely with any of the 4 paintings
on file, and for a study of the paintings

Characterization: 1924 notes. It appeared doubtful if any 2 of those
medium size, represented actually the same variety.

oblate; ground color golden yellow, completely
overspread with faint, bright red, and very indistinct
striping; russet in cavity; dots numerous, russet,
irregular, large, conspicuous; flesh yellowish,
sweet, in prime condition probably fairly
rich, and doubtless pretty good. 10/4/24 it was
much past prime - somewhat dry and mealy.

UNITED STATES DEPARTMENT OF AGRICULTURE OFFICE OF THE SECRETARY

WASHINGTON, D. C.

January 1, 1911

Circular No. 111

Bureau of Plant Industry

Division of Horticulture

Section of Fruit Culture

Year	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	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Second sheet, Variety

Victoria Sweet (acc. No. 1931)

Storage notes:

11/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading)
Central leader: Partially retained disappeared.

Branching:

well branched Main limbs: Very medium long short; Very medium slender
(stout); Medium straight crooked. *small*
Secondary limbs: (Numerous) medium few: Medium slender stout;
Drooping,

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg No. 47914

Fruit painted *several*

Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:-

*Good type of tree - strong - broad,
spreading, open top.*

VARIETY APPLE ORCHARD
Arlington Farm

[May be Switzer]

Variety: *Victuals and Drink* - supposedly, but incorrectly - Lowland
Orchard location: Section *D* Row *17-18* Tree *1* *Raspberry in general type*
Arlington Accession No. *3108* (Pom. No. *24573*)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	7/18	101594	1927 -	7/19	109180
1923 -	7/16	103346	1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -	7/21	107633	1931		

Blossom dates: 1924 - 4/28, 75% buds open; 7/21, full bloom - light.
scions received
4/7/02 from P. L. 1925 - 4/14, past full bloom, petals dropping.
L.R. Taft, East Lansing, Mich. 1926 - 4/30 " " "
1927 - 4/12, 75% buds open.

Remarks: Compare with acc Nos. 3033 and 3096 supposedly both Switzer - both appear of Lowland Raspberry type, as is also this apple - acc No. 3108. (This apple can not be *Victuals and Drink* as characterized by Beach in *Apples of N.Y.* where he states it is a *Characterization!*
In 1926, in discussing acc. No. 3096 [color dull green or yellow - sweet apple, good to eat in quality]
It was noted that that no. *Arisane* (3108) and No 3033 appeared to be identical and of the Lowland Raspberry type, but is *absolutely not* that variety. However, a comparison of the varietal notes seems to indicate considerable difference in acidity and delicacy of flavor, this No (3108) and No. 3033 being perhaps more nearly alike in flavor (over)

at least three either of them is like
No. 3076.

Variety notes on No. 3108 are for
1926: Specimens are medium
in size, or below; slightly oblate,
smooth, regular. Ground color
whitish tinged with yellow, over-
spread with a pinkish blush,
with heavier stripes and splashes
of red (seemingly typical of Switzer).
Bats numerous, yellowish, superior
inconspicuous. Flesh white,
almost like Famine, fine grain
tender, mild subacid, rather
delicate and pleasant -- better for
eating than many of the early
varieties. The calyx tube is
very large, cylindrical, long.
Seeds medium in size, very
dark brown in color.

In shape and fineness this
suggests Switzer somewhat
as described by Beach in
appos of N. Y. He speaks
of the seeds being dark
brown in color, as are
these -- see above.

Second sheet, Variety *Victuals and Drink* 9/3

Storage notes: *see No. 3108 (D:17-18:1)*

Foundled from Arlington as Lowland Raspberry. Some likelihood of its having been Switzer.

1/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally ~~large~~ (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained disappeared).

Branching: *well branched - moderately stout*
Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: (Many medium) few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy. *well distributed*

Spurs: Very many (medium few) Very (medium slender) stout; (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several mostly under Lowland Raspberry* Fruit modeled

Fruit described *See under Lowland Raspberry*

No paintings, no descriptions on file of Victuals and Drink

Disease notes by J. W. Roberts:

Main limbs have considerable rough bark similar in appearance to that of yellow Newtown when it has its characteristic roughened condition.

VARIETY APPLE ORCHARD
Arlington Farm

914

Variety: *Virginia Beauty* (incorrectly)

Pomology No. 40794

Orchard location: Section *H* Row *24* Tree *4*

Arlington Accession No. *6573*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -	<i>9/9</i>	<i>109456</i>
1923 -	<i>10/12</i>	<i>104270</i>	:	1928 -	<i>9/28</i>	<i>110442</i>
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Scions received 4/8/08 as Virginia Beauty - but fruit is not that variety. Scions came from Dr. Geo. A. Brown, Troutville, Va. - received 4/3/08 - at least this is entry for No. 40794 - a mistake somewhere.

Characterization:

Small, slightly oblong conic fruit is more or less overspread with dull red and indistinct stripes. Flesh white, very tender - almost melting, juicy, 9/4/28 said to be mild subacid, but 10/18/23 "sweetish subacid" - pleasant, but so little to it that it has no value.

Parentage: Seed of Virginia Beauty (no 2d sheet)

•

27

10

1

10

10

19

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wagener*

Pomology No. *24350*

Orchard location: Section *6*

Row *1-2* Tree *1*

Arlington Accession No. *1932*

(See Acc No. *3016*

C: 11-12:5, also Wagener)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102553</i>	:	1927 -	<i>9/23</i>	<i>109553</i>
1923 -	<i>9/27</i>	<i>104106</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>10/1</i>	<i>107025</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *5/1, 40% buds open; 5/7, full bloom*
1925 - *4/14, 40% " " ; 4/18 " "*
1926 - *4/28, full bloom - 1 cluster only*
1927 -

Remarks: *Scions received from N. Y. exp. station in 1902.*

Characterization: *Good size, typical in form for the variety. Ground color yellow overlaid with pale red and fine indistinct stripes, a grayish overcast, rather thin; dots mostly minute, whitish, inconspicuous. Flesh fine grain, 10/25 a little tough; 12/25, crisp, normal juice, mild subacid with no distinctive flavor - rather flat, not better than good. 12/25 fruit has an immature flavor - probably was immature as the ground color was still greenish and very little red overlaid.*

Second sheet, Variety

Wagner (acc. No. 1932) 916

Storage notes:

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad ^(somewhat) flat ^{spreading}
low top. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
well branched stout); Medium straight crooked.
Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium (few) Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
(1/2 - 1 - 2 - 3 inch) Mostly ^(much) branched unbranched;
Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none 6" to 8" *long*.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47919

Fruit painted

Several

Fruit modeled

Fruit described

Several

~~Disease notes by J. W. Roberts:~~

*Tree small and lack vigor, comparatively
absence of twigs, conspicuous spurs
and spur twigs on secondary branches,
short stout internodes - these all rather
characteristic.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wagener* (supposed to be *Grimes* *see Golden*)

Pomology No. 24490

Orchard location: Section *E* Row *11-12* Tree *5*

Arlington Accession No. *3016* (*See acc. No. 1932*
C:1:2:1 also Wagener)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102562</i>	1927 -	<i>9/26</i>	<i>109554</i>
1923 -	<i>9/16</i>	<i>104040</i>	1928 -		
1924 -	<i>10/1</i>	<i>105449</i>	1929 -		
1925 -	<i>9/14</i>	<i>106751</i>	1930 -		
1926 -	<i>9/9</i>	<i>107946</i>	1931 -		

Blossom dates: 1924 - *5/1, 50% buds open*
1925 - *4/14, 40% " ; 4/18, 90% buds open.*
1926 - *4/29, 40% " "*
1927 -

Remarks: *Scions received 4/5/27 as Grimes Golden from W. J. Wagener, Waukegan, Iowa. Identified in 1922 as probably Wagener and so considered thereafter.*
Characterization: *In 1927 mentioned as similar in good size, all essentials to acc. No. 1932, oblate, ribbed; ground color yellowish with a very thin pale red overcoat and red stripes, but some specimens in 1927 were attractively overpainted with bright red and distinct stripes. Internal characters check in general with Wagener but flavor flat and in no degree suggestive of Wagener. Fruit dry and mealy - yet not much doubt of its being Wagener - but of place here. (see over for source and identity)*

Though Pam. No. 24490 is recorded
as Grimes Golden Sevens from
M. J. Wragg, Waukegan, Iowa. The
acc. no. for that entry should be 4150
according to Mr. Grimes card index - but
that no. in the acc. card index is Foster
peach ^{fruit} from H. W. Muller, Paw Paw, W. Va.
and acc. no. 3016 is OK for Pam. No.
24490.

Second sheet, Variety

Storage notes:

Wagener (supposed to be
Grimes Garden)
acc. No. 3016. 918

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;

1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47937

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Tree habit and growth suggests C: 1-2: / which
is Wagener. This leads to confusion identification
as Wagener. But must be it is very bad.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Walbridge*
Pomology No. *Find no record in Penn. Jour.*
Orchard location: Section *E* Row *11-12* Tree *5*
Arlington Accession No. *4214*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102751</i>	1927 -		
1923 -	<i>10/20</i>	<i>104285</i>	1928 -		
1924 -	<i>10/21</i>	<i>{ 105977</i>	1929 -		
		<i>{ 105384</i>	1930 -		
1925 -	<i>9/23</i>	<i>106876</i>	1931 -		
1926 -	—	—			

Blossom dates: 1924 - *5/1, 75% buds open; 5/6, part full but still few buds.*
1925 - *4/14, 20% " " ; 4/20, little part full*
1926 -
1927 -

Remarks: *Scions received 2/14/03 from Kansas Agr. Coll., Manhattan.*

Characterization: *1925 notes. Good size for the variety, oblate conic, smooth, regular except indistinct ribbing; ground color yellow, with only a suggestion of red wash and a little dull striping. Whitest bloom quite abundant. Dots variable, moderately numerous, some submerged, yellowish, some minute, raised. Flesh tinged yellow, grain a little coarse, firm, quite sharply acid with no characteristic flavor.*

(over)

(no 2d sheet)

3/1/26. At a little distance away, tree
suggests an old peach tree.
Upright, spreading, vigorous
but medium size. Branching
normal, many small branches
and twigs - these are slender
and close together. Bark
almost mouse color - a dull
peculiar shade. Bark on
trunk finely furrowed,
- old cuticle finely checked.

Painting: Several
descriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wallace Howard*
Pomology No. *24351*
Orchard location: Section *6* Row *1-2* Tree *2*
Arlington Accession No. *1933*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102549</i>	:	1927 -	<i>9/23</i>	<i>109555</i>
1923 -	<i>9/28</i>	<i>104155</i>	:	1928 -		
1924 -	<i>9/15</i>	<i>105448</i>	:	1929 -		
1925 -	<i>9/16</i>	<i>106797</i>	:	1930 -		
1926 -	<i>9/20</i>	<i>108374</i>	:	1931		

Blossom dates: 1924 - *5/1, 25% buds open.*
1925 - *4/13, first bloom; 4/18, still few buds open.*
1926 - *4/28, 25% buds open.*
1927 -

Remarks: *Scions received in 1932 from N. Y. Expt. Station.*

Characterization: *Above medium to good size, somewhat conic to slightly oblong-conic, sometimes compressed, fairly regular, smooth; basin sometimes medium depth, narrow, small - sometimes nearly even with surface same as under Boerama; lobes quite long, slender, reflexed, eye closed. Ground color yellow, when well colored, flesh well covered with bright red stripes which merge with lighter shades of red between them; whitish above, and light flecks of butter-milk; dots numerous, some submerged, mostly small, brownish, canaliculate. Flesh tinged yellow, fairly fine grain, a little tough, juice normal, slightly acid but mostly very good fruit so immature to eat for quality, on field too long in some cases (see storage notes)*

RESEARCH REPORT ON THE RECENT DEVELOPMENTS

Page 1

Date: 1950

Author: J. H. ...

Title: ...

Subject: ...

Abstract: ...

Account Name	Account Number	Account Type	Account Balance
1000			

Second sheet, Variety

Wallace Howard

921

Storage notes: 1926 Crop. Stored $\frac{1}{9}$; out + nam. 1/31/27
Fruit not shrunken but seeds is shrunken. Flesh
yellowish, firm considerable body, juice normal
subacid, looks richness - disappointing in quality
only fairly good. 1927 Crop. Out of storage
up to 1/1/27. Prime physical condition. Fresh
a little grainy though not coarse grained, tender,
rather lacking in juice, mild subacid plot.
Not better than fair.

Vigor of Tree: Exceptionally strong (average) weak, Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat ^(as usual) spreading;
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *fully branched*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
 $\frac{1}{2}$ - (1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

well branched - symmetrical, a fine strong
Illustrations: Tree photographed Neg. No. 47920 *stocky tree*

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

922

Variety

Washington Strawberry

Pomology No.

24352

Orchard location: Section

6

Row

1

Tree

3

Arlington Accession No.

1934

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/10	102254	:	1927 -	8/8	109285
1923 -	8/23	103851	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	8/17	106595	:	1930 -		
1926 -	8/21	107947	:	1931		

Blossom dates:

1924 -

4/26, first bloom; 5/1, full bloom.

1925 -

4/14, 25% buds open; 4/18, little past full.

1926 -

1927 -

4/12, 20% buds open.

Remarks:

Scions received in 1902 from N. Y. Expt. Station.

Characterization:

Good size, somewhat conical, sometimes slightly oblate conical, sometimes undulating ribbed; cavity shallow, narrow, ground color yellow, nearly covered with bright red, and fairly distinct stripes; dots rather numerous, submerged, light colored, whitish brown. Flesh yellowish, fairly fine grain, tender, juicy, subacid, fairly rich, flavor somewhat characteristic, rather pleasant, pretty good; when well developed and colored is very attractive. 8/17/27, fully ripe on a little fruit; tendency to watercore.

RECEIVED
JAN 10 1900
U.S. DEPT. OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

RECEIVED
JAN 10 1900
U.S. DEPT. OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

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BUREAU OF PLANT INDUSTRY

Second sheet, Variety

Washington Strawberry 423
Acc. No. 1934, C:1:3.

Storage notes:

11/28

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Aug. No. 47929

Fruit painted

Several

Fruit modeled

Fruit described

#17966 - 30807 and one old form

1 in. plus state
Disease notes by J. W. Roberts:

like disease Howard
Acc. No. 1933, C:1-2:2 -

2/27/26.

*Good size, vigorous, healthy,
upright, spreading, normal
branching.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Weaver Sweet*
Pomology No. *24514*
Orchard location: Section *D* Row *3-4* Tree *2*
Arlington Accession No. *3062*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102550</i>	:	1927 -	<i>9/23</i>	<i>109556</i>
1923 -	<i>9/8</i>	<i>103908</i>	:	1928 -		
1924 -	<i>10/1</i>	<i>105451</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>9/20</i>	<i>108375</i>	:	1931		

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom.*
1925 - *4/14, 50% buds open; 4/18, both past full*
1926 - *4/30, Full bloom.*
1927 -

Remarks: *Scion received 7/30/2 from H. H. Quetpeter, Minerva, Ohio.*

Characterization: *Notes mostly 1926, good size to large, oblate, ribbed, ^{mostly broad} broad, deep, abrupt, sepals long, ovate; eye large; ground color medium yellow, sometimes some blue; dots variable, some submerged, inconspicuous, few scattered, brownish; flesh yellowish, satiny, fine grain, fair tender, cooking in pieces, sweet, flat if not skin when just at proper stage of maturity, and firm in quality, tending to be dry and mealy; at prime eating condition - which apparently is brief - fairly rich and pretty good.*

Second sheet, Variety

Waver Sweet

Acc No. 3062

925

Storage notes: *1927 Cup*

*Cut & storage - 12/31/27; Exam 1/5/28
Same decay, and all fruit part
storage durability, though several remain in
fair, good condition so far as physical
appearance is concerned; fine grain, tending
to meekness, sweet, flat, almost flavorless.*

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; (Medium straight crooked).

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

A good stocky healthy vigorous specimen
Tree photographed *Tree - a good type*
Aug. No. 47977

Fruit painted *58685-108375* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Tree is very like Pinnacle in
general habit of growth and
appearance. (8: 2: 12)*

VARIETY APPLE ORCHARD
Arlington Farm

926

Variety *Wells*

Pomology No. *24353*

Orchard location: Section *6*

Row *1-2* Tree *4*

Arlington Accession No. *1935*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/25</i>	<i>102640</i>	:	1927 -	<i>9/23</i>	<i>109551</i>
1923 -	<i>9/13</i>	<i>103919</i>	:	1928 -		
1924 -	<i>9/13</i>	<i>105372</i>	:	1929 -		
1925 -	<i>10/1</i>	<i>106952</i>	:	1930 -		
1926 -	<i>9/10</i>	<i>107948</i>	:	1931		

Blossom dates: 1924 - *7/3, 90% buds open - very light bloom.*
 1925 - *4/14, 20% " " ; 4/18, 40% buds open*
 1926 - *4/29, center buds open - very light bloom.*
 1927 - *7/2, past full.*

Remarks: *Scions received in 1902 from N.Y. Expt. Station.*

Characterization: *Medium to good size, slightly oblate, smooth except slight ribbing, fairly regular. Cavity - tends slightly to sinuate (shape similar to Rome Beauty); ground color medium yellow, partly well overlaid with red and bright red stripes; dots scattered, small, pale yellow or brown, some minute, slightly raised. Flesh tinged yellow, rather hard, a little tough, juicy, quite sprightly subacid, pleasant but no characteristic flavor - too immature 9/4/26 10/12/25 - past prime but pretty good.*

Second sheet, Variety

Wells acc. No. 1935 927
C: 1-2:4

Storage notes: 1927 crop -

Out of storage and exam. 17/2/27 In excellent condition Fine grain, tender, juicy, acidity a little too sharp to be pleasant, a suggestion of astringency, fair to good. Might be pretty good for cooking.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47934

Fruit painted

#20501-109557-
108375

Fruit modeled

Fruit described

Several

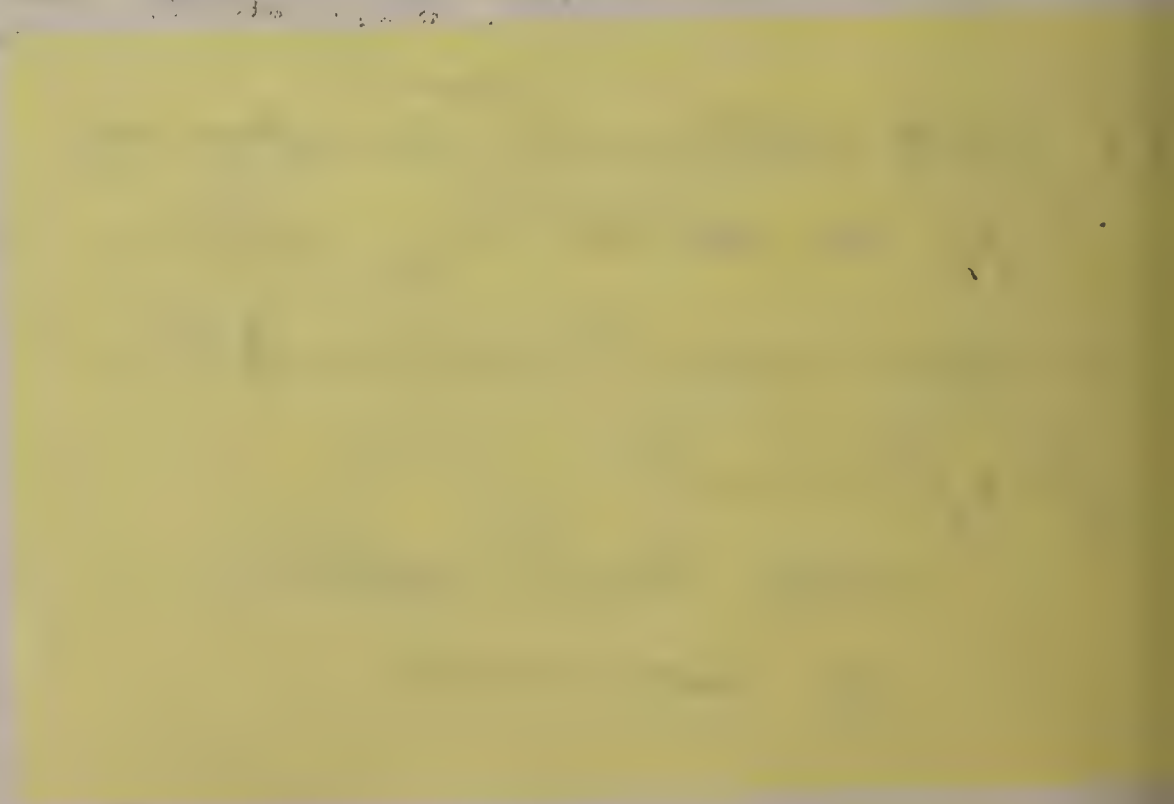
Disease notes by J. W. Roberts:

other respects these trees are quite like Wallace Howard (C: 1-2:2) and resembling in Strawberry (C: 1:3) spur, branch and twig growth much same in all 3 - but in orchard note lack reference was made to resemblance of the trees to the Rome Beauty - especially in twig growth

1911

A full statement comparing
and contrasting these
mixed varieties should be
prepared
see last note
re source.

1916, when the first of the
series of experiments was
conducted. The results of
these experiments were
published in the
Journal of the
Royal Society of
Medicine, in 1917.
The experiments were
conducted by the
author, and the results
were published in the
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Journal of the
Royal Society of
Medicine, in 1917.



VARIETY APPLE ORCHARD
Arlington Farm

928

Variety: *Western Beauty*

Orchard location: Section *G* Row *1-2* Tree *5*

Arlington Accession No. *6298* (Pam. No. *40492* (14451))

Year -	Date Picked	Pomology : Number :	Year -	Date Picked	Pomology Number
1922 -	<i>9/1</i>	<i>102483</i>	1927 ..	—	—
1923 -	<i>10/4</i>	<i>104163</i>	1928 -	<i>8/22</i>	<i>110351</i>
1924 -	<i>9/7</i>	<i>105255</i>	1929 -	<i>9/20*</i>	
1925 -	<i>9/24</i>	—	1930	<i>9/5</i>	<i>111606</i>
1926 -	<i>9/7</i>	<i>107950</i>	1931	—	—

Blossom dates: 1924 - *4/20, first bloom; 4/2, full bloom.*

1925 - *4/15, full bloom.*

1926 - *4/30, 90% buds open.*

1927 - *4/20, first bloom; 5/1, full bloom.*

Remarks: * Fruit labeled *Western Beauty* but acc. no. and true location not given.

Scions from private collection of W. H. Irvine in Edinburgh. Received from him 3-10-08. His stock probably traces to Miss Sue M. Howes, Wellington. He who sent fruit specimens 14395 and 14451

Characterization: which were identified as *Western Beauty*.

Second sheet, Variety *Western Beauty*
Storage notes: Acc. No. 6298 (511-215)

9/26/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light dark normal. (Clean)

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Lower limbs extend out nearly horizontally as in case
of Summer Rambo.

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked. Smooth - clean.

Secondary limbs: Numerous medium few: Medium slender stout;

(Same tendency to Drooping) Well branched.

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout)
1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Does not have the old elongated spurs of Summer Rambo, except a
General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall. imitated aspect.

1928 growth same 12" to 15"

Illustrations:

Tree photographed Aug. Nos. 47799, 48029 + 49030

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

A fine strong tree in general, very
like Summer Rambo. Something
of the Baldwin type.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wentfield*

Pomology No. 24536

Orchard location: Section *D* Row *9-10* Tree *4*

Arlington Accession No. *3080*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/3</i>	<i>102762</i>	:	1927 -		
1923 -	<i>10/26</i>	<i>104306</i>	:	1928 -		
1924 -	<i>10/14</i>	<i>105693</i>	:	1929 -		
1925 -	<i>10/7</i>	<i>107026</i>	:	1930 -		
1926 -	<i>10/20</i>	<i>108717</i>	:	1931		

Blossom dates: 1924 - *5/1, 40% buds open.*
 1925 - *4/14, 85% " " ; 4/18 little past full*
 1926 - *4/30, 50% " "*
 1927 -

Remarks: *Scions removed 4/3/02 from E. W. Allen, Adrian, Mich.*

Characterization: *Good size, roundish, sometimes a little oblate; ground color yellow pretty well overpread with medium red and stripes; dots numerous, variable, some suppressed, many raised, appearing as irregular breaks in the skin, many stellate rather conspicuous; somewhat surface covered with characteristic leather cracks, which sometimes become so conspicuous as to give the fruit a russeted appearance. Flesh yellowish, fine grain, tender, juicy, rather sprightly but mildly subacid, fairly rich, pretty good.*

4.

11

1910

Second sheet, Variety

Winstfield acc. No. 3080

Storage notes:

Crop 7/1926, out of storage 3/1/27.
Exam 7/1/27. A little decay; some fruits are
shriveled but others in good physical condition.
Fine grained, tender, juicy, very mild subacid,
apparently has lost flavor as it is rather flat
compared with the variety - at its best. There
is a tendency towards ruseliness, even though
fruit juicy.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

11 of 128

Habit of Growth: Very upright roundish (broad) flat (spreading) ~~spread~~
Central leader: Partially retained (disappeared) ~~central~~
main limb which is upright.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *Show a characteristic curve outward*

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very (medium slender stout);
1/2 - 1 - (2 - 3 inch); Mostly branched unbranched;

Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none *few spurs but*
it may be a terminal branch.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47963

Fruit painted

#5602-37718

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

quite characteristic - the spreading
habit except the upright center limb,
and the outward curve of the
secondary limbs.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whinery*
Pomology No. 40567
Orchard location: Section *28* Row *7-8* Tree *2*
Arlington Accession No. *6385*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/26</i>	<i>102887</i>	1927 -	<i>10/10</i>	<i>109663</i>
1923 -	<i>10/12</i>	<i>104232</i>	1928 -	<i>10/23</i>	<i>110889</i>
1924 -	<i>11/4</i>	<i>106015</i>	1929 -		
1925 -	<i>10/12</i>	<i>107133</i>	1930 -		
1926 -	<i>11/1</i>	<i>108718</i>	1931 -		

Blossom dates: 1924 - *5/2, 25% buds open; 5/6 full bloom*
1925 - *4/15, 50% " " 4/20 will not full.*
1926 - *4/30, 25% buds open - light bloom.*
1927 - *4/26, 20% " " 5/11, 35% buds open.*

Remarks: *Scions received 3/13/08. from private collection of W. H. Drwin, Eppingham.*

Characterization: *Size usually medium to good size, rounded conic to oblate conic; halves characteristically unequal because of one sidedness at apex; cavity medium width, rather shallow, ribbed; tendency to form knobs on rim of apex; stem $1\frac{1}{2}$ " long; sepals rather long, converging; eye rather small, closed; ground color - yellowish nearly overcast when well colored with heavy wash of bright red; some seasons considerable patches of russet (possibly caused by spray), but many fruits more or less russeted nearly every year; lenticle checking, variable from season to season, may make a coarse finished fruit; sometimes a little butterflylike flecking; dots or marks from submerged and inconspicuous to large, some stellate but merged with surface in such a way (over)*

as to be unobtrusive. Several seasons
finish suggested in some respects the
Baldwin variety. Flesh yellowish,
fairly fine grain, usually fairly tender,
sometimes noted as rather tough, but
perhaps due to immaturity, at its best
juice normal, very mild subacid,
fairly rich, pretty good - but quality
as noted was variable - perhaps due
to degree of maturity. 10/8/23 noted as
rich, good to very good. 11/8/24 still
too immature for quality rating.
Texture, juice, quality etc. rated differently
in different years - See storage
notes for other references to quality.

Second sheet, Variety

Whinery (acc. No. 6385)

Storage notes:

1924 Crop. $3\frac{1}{2}/25$! Fruit from cold storage in good condition. Mild sub-acid, rich, high dessert quality. Favorable comments by several in office who sampled fruit. 1926 Crop. Out of storage $7\frac{1}{2}/27$. Exam $7\frac{1}{2}/27$. One fruit of 6 value; others have kept well so far as appearances go - only slight showing. Slightly better than good. 1927 Crop. Out of storage $7\frac{1}{2}/28$. Exam $7\frac{1}{2}/28$. Fine, breaking, quite juicy. 1928 Crop. Out of storage $7\frac{1}{2}/29$. Exam $7\frac{1}{2}/29$. No decay - considerable (over)

Vigor of Tree: (Exceptionally strong) average weak. Size: Exceptionally (large) average small.

Foliage: (Very abundant) normal scanty. Leaves: Very large medium small; Color: Light (dark) normal.

Habit of Growth: (Somewhat kept as pulled down by weight of fruit. Very upright, roundish broad flat spreading. Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium slender clean (stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Trigs: (Many) medium few; (Medium slender stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;

($1\frac{1}{2} - 1$) - 2 - 3 inch; Mostly branched unbranched;

Spar twigs: Few (medium) many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49682

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

working (shriveling). Quite juicy, rather
tough, probably due to shriveling, very
mild subacid, fairly rich. If
held in cold storage till this date it
would likely still be in good
condition and high quality.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Doctor (probably)* Received as *Hendrick*.

Pomology No. *24275*

Orchard location: Section *A* Row *24* Tree *3*

Arlington Accession No. *1857* (see also acc. Nos. *3035* and *3051*)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/24</i>	<i>102319</i>	1927 -		
1923 -	—	—	1928 -		
1924 -	—	—	1929 -		
1925 -	—	—	1930 -		
1926 -	<i>8/26</i>	<i>107951</i>	1931		

Blossom dates: 1924 - *4/26*, first bloom; *5/3*, full bloom.
1925 - *4/13*, 50% buds open; *4/16*, "
1926 - *4/28*, 50% " "
1927 -

Remarks: Scions received under name *Hendrick*, from N. Y. Hort. Station in 1902. At least that is record for acc. No. *1857*. Prof. Chase identified the fruit in 1924 as *White Doctor*. I confirmed it in 1922 and in 1926.

Characterization: 1926 Notes. Good size, slightly oblate conic, smooth, regular; self colored - greenish yellow (somewhat immature?); dots numerous, minute, mostly whitish but a few dark colored, inconspicuous; flesh white, fairly fine grained, quite juicy, rather sprightly subacid, slightly peculiar flavor, not unpleasant, fairly good. Probably somewhat immature this date *9/26*.

1957

... ..

1911

Second sheet, Variety

Storage notes:

135
white doctor (by identification)
acc. No. 1857. Should be
Hendrick - which
it clearly is not.

Vigor of Tree: (Exceptionally strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad flat spreading)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
(Numerous) (stout) Medium straight crooked (Smooth)
Secondary limbs: (Numerous) medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spine: Very (many) medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Trunk is smooth. A fine, strong spreading tree with
large potential fruiting possibilities.

Illustrations:

Tree photographed

Neg. No. 479001

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Doctor*

Pomology No. *24462*

Orchard location: Section *6*

Row *25-26* Tree *1*

Arlington Accession No. *3051*

(See also acc. nos.
1857 and 3035)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/24</i>	<i>102324</i>	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>8/26</i>	<i>106665</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *4/28. first bloom; 5/3 full bloom*
1925 - *4/14. 60% buds open; 4/18. well past full.*
1926 -
1927 -

Remarks: *Scions received 4/5/21 from J. J. Blackwell, Titusville, Fl. Jr.*

Characterization:

1925 notes. Size large, oblate conic, smooth, regular; leaf colored-greenish, considerable russeting in cavity; flesh tinged yellow, fairly fine grain, firm, juicy, pleasant (fairly good). 9/2/25. Fruit is too immature to be at its best. 3/4/26. Tree broad spreading top - a fine strong tree. (over) (no 2 & sheet)

Reg. No. 44688

Paintings: Several
Inscriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Doctor*

Pomology No. *24499*

Orchard location: Section *6*

Row *19-20* Tree *1*

Arlington Accession No. *3035*

(see also acc. nos. 1857 and 3051)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	<i>9/14</i>	<i>103926</i>	:	1928 -		
1924 -	<i>9/13</i>	<i>105374</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 -

7/1, 90% buds open

1925 -

4/14, 40% " " ; 4/18, past full

1926 -

1927 -

Remarks:

Scions moved 4/5/2 from S. H. Langbach, Regelsville, Pa.

Characterization:

1924 note. Size large, finely developed, showing considerable blush - which is unusual for this variety - perhaps the other two lots picked every year in Aug. would have blushed had they been left on the trees 2-3 weeks longer. 3/4/26. Tree good size, broad, spreading top, strong, stocky type - healthy branching, twigs and (no 2d shoot) spurs normal. Reg. no. 44748 (over)

Paintings: Several
Inscriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Pippin*

Pomology No. *24461*

Orchard location: Section *C* Row *25-26* Tree *3*

Arlington Accession No. *3053* (see also acc. nos. *4215* and *6601*)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/26</i>	<i>102884</i>	:	1927 -	<i>9/26</i>	<i>109558</i>
1923 -	<i>9/28</i>	<i>104151</i>	:	1928 -		
1924 -	<i>10/4</i>	<i>105615</i>	:	1929 -		
1925 -	<i>10/3</i>	<i>107027</i>	:	1930 -		
1926 -	<i>10/20</i>	<i>108719</i>	:	1931		

Blossom dates: 1924 - *4/28*, first bloom; *5/1*, full bloom.
1925 - *4/14*, 00% buds open; *4/18*, little past full.
1926 - *4/28*, 75% " "
1927 -

Remarks:

Scions received 4/5/02 from J. J. Blackwell, Titusville, N. J.

Characterization: *Medium to good size, roundish conic to slightly elongated. At this date 10/3/25 color is dull greenish yellow, considerable gray overspread; dots numerous, variable, some minute, almost imperceptible, others dark brown, conspicuous, others submerged as if failed to develop to surface; flesh tinged yellow, fine grain, juicy, 10/3/25, too immature for quality note.*

1911 1912 1913

1911
 1912
 1913

1911	1912	1913
1911	1912	1913
1911	1912	1913
1911	1912	1913
1911	1912	1913
1911	1912	1913
1911	1912	1913
1911	1912	1913

1911
 1912
 1913

1911

1911
 1912
 1913

Second sheet, Variety

White Pippin (acc. No. 3053)

Storage notes:

Crop 1926. Out of storage 3/15/27; Exam 3/24/27
In office refrigerator meanwhile. Fruit has
not kept as well as that from 6:13-14:1. Same
shriveling, a good deal of scald which has gone
into the flesh considerably deeper than the skin.
Fully as juicy as acc. No. 4215 (6:14:1) and something
better in quality. Smaller fruits of No. 3053 are better in
quality than No. 4215. Crop 1927. Out of storage 1/14/28.
Exam 1/19/28. These fruits past storage durability.
A physiological breakdown developing also, considerable
fine grain, tender, very juicy, but flat and flavor and
Tigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially (retained disappeared).

Branching:

Main limbs: Very medium long short; Very (medium slender
(well branched) stout); Medium straight crooked. Smooth
Secondary limbs: Numerous medium few; Medium slender stout;

Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. Well distributed throughout top and secondary branches.

Spurs: Very many (medium) few; Very medium slender (stout);
1/2 - (1 - 2 - 3 inch) mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

neg. nos. 47943 + 42665

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Pippin*

Pomology No. 40567½

Orchard location: Section *I*

Row *3-4* Tree *2*

Arlington Accession No. *6601*

(See also acc. nos.
3053 and 4215)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/13</i>	<i>102847</i>	:	1927 -	<i>9/28</i>	<i>109622</i>
1923 -	—	—	:	1928 -	<i>10/10</i>	<i>110684</i>
1924 -	—	—	:	1929 -	<i>9/19</i>	<i>111669</i>
1925 -	—	—	:	1930 -	—	—
1926 -	<i>10/1</i>	<i>108376</i>	:	1931 -	—	—

Blossom dates: 1924 - *5/2*, full bloom
 1925 - *4/15*, first bloom *4/30* considerably
 1926 - *4/30*, 90% buds open. *but full.*
 1927 - *4/26*, first bloom; *5/1*, 90% buds open.

Remarks: *Scions received 4/13/08 from private collection of W. H. Schmitt, Lexington.*

Characterization: *Notes on 1928 crop mostly from storage fruit. Above medium size, slightly oblate - more so than usual. The influence that shortened the axis of many varieties in 1928 apparently operated on this one also. Cavity medium, stem about 1/4"; basin medium, sepals rather short, recurved; eye usually large, open, but sometimes small or medium and closed. Many fruits have deep and conspicuous cracks in the flesh in the basin, seemingly associated with growth conditions this year. Ground color now (4/29) a pale yellow, quite a lot of pale pinkish bluish on exposed side, some red splashes, this coloring being more pronounced than usual.*
(over)

roots numerous, variable. some brownish,
very small, but quite conspicuous on
ground color; others submerged and inconspic-
uous; flesh faintly tinged yellow, fine
grain, tender, juicy, pleasant subacid,
but rather lacking in richness and
high quality that commonly character-
ize this variety. However it seems
never to reach very high quality
here.

Second sheet, Variety

941
White Pippin (acc. No. 6601)

Storage notes:

1876 Crop. stored 1/8; out and exam 1/31/27
Still greenish in color and has considerable
scale. Firm, no shriveling. Flesh tender,
quite juicy, slightly subacid, lacks richness.
Hardly fairly good. 1877 crop. out of storage 1/14/28.
Exam 1/19/27. Apparently about reached end of storage
durability. Same breakdown of flesh. Same scale.
Rather lacking in juiciness, only fairly good quality.
Tendency to meakiness. (Does not seem quite like White
Pippin but probably is). (over)

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 50% off.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout; well distributed
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched) on secondary
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

1728 Cwp. Exam. 7/9/29 In excellent
condition so far as exterior indicates.
Fish fine grain, tender, quite juicy
pleasant subacid, but lacks richness.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Pippin* (by identification - see under Remarks)

Pomology No. *Find no record in Ann. Jour.*

Orchard location: Section *E* Row *14* Tree *1*

Arlington Accession No. *4215* (see also acc. Nos. *3053* and *6601*)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/19</i>	<i>102804</i>	1927 -	<i>9/22</i>	<i>109487</i>
1923 -	<i>10/26</i>	<i>104314</i>	1928 -		
1924 -	<i>10/4</i>	<i>105623</i>	1929 -		
1925 -	<i>10/10</i>	<i>107134</i>	1930 -		
1926 -	<i>10/20</i>	<i>108720</i>	1931		

Blossom dates: 1924 - *5/1, 75% buds open - very light.*
1925 - *4/14, 75% " " ; 4/18, little past full.*
1926 - *4/30, 50% buds open.*

1927 -

Remarks: *Supposed to be White Pearmain from various records 2/4/03 from the Kansas Agricultural College, Manhattan, but identified as White Pippin in 1922 and repeatedly confirmed thereafter.*

Characterization: *Notes mostly 1926. Good size, roundish slightly conic, sometimes slightly elongated, sometimes a little topsided, some fruits a little compressed, fairly smooth; self colored mostly but yellowish rather than the creamy white characteristic of the variety. Some fruits show slight pinkish blush about base and on exposed side; dots variable, mostly quite large, whitish, submerged slightly showing through the skin, others brownish, slightly raised. Flesh slightly tinged yellow, fairly fine grain, breaking moderately juicy, mild subacid, rather rich, high quality but not up to standard for the variety. Fruit held 10/20 to 11/10 at room temperature.*

Second sheet, Variety

943
White Pippin (by identification)

Storage notes: 1926 Crop. Out 2

acc. No. 4215. See
under Remarks

Storage 8/15/27. Exam. 3/24/27

Fruit in office refrigerator - mean while. Considerable
scald, some fruits badly affected. Otherwise in good
condition. Eating ripe but firm to touch. Fairly
juicy, mild subacid, richer in flavor and better
in quality than most varieties at this season, but still
below variety at its best.

Crop 1927. Out and Exam. 1/10/27, still too firm for final
check-up on quality. - seems a little flat and lacking in
flavor.

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained) disappeared.

126/
128

Branching:

Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Bloss: Many (medium) few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout);
1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Tree stands next to roadway where none of them
are good.

Illustrations:

Tree photographed Neg. No. 479/91

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Several lines of very faint, illegible handwriting in the upper middle section of the page.

A block of faint handwriting in the middle section of the page, appearing to be a single paragraph.

Another block of faint handwriting below the middle section, continuing the text.

A block of faint handwriting in the lower middle section of the page.

A block of faint handwriting near the bottom of the main text area.

Handwritten text at the bottom of the page, possibly a signature or a concluding note.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *White Vandevere* (all under Remarks)

Pomology No. 40568

Orchard location: Section *A* Row *7* Tree *3*

Arlington Accession No. 6386.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/28	109623
1923 -	10/9	104126	:	1928 -	9/8	110411
1924 -			:	1929 -	8/29	111125
1925 -			:	1930 -	—	—
1926 -			:	1931 -	10/6	112359

Blossom dates: 1924 - 7/2, full bloom - bloom very light
 Scions received 3/12/08 from private collection of W. H. Irwin, Exhington
 1925 - 4/15, 50% buds open - only few terminal clusters
 1926 - 4/30 - only a very few imperfectly formed terminal clusters
 1927 - 4/26, 35% buds open; 5/1, 90% buds open. no record possible.

Remarks:

Scions received 3/12/08, under name *White Vandevere*. This name not recognized as an accredited variety - used either as syn. of *Vandevere* or *Gray Vandevere*. In 1926 it was noted that the tree was very different in type from *Vandevere*.

Characterization:

good size, oblate, sometimes slightly conic; lvs frequently unequal; cavity medium, frequently pitted; stem 1/4" to 1/2"; basin medium depth, rather broad; apex reflexed, eye very large, open; fully ripe, self-colored, whitish tinged green especially before fully ripe; dots numerous, variable, both white and brown about apex, on sides brownish, medium size, slightly raised, conspicuous. Flesh creamy white, fine grain, tender, juicy, mild subacid. 10/3/27 in season now: pleasant though not rich, good or above in quality though somewhat rated as very poor. 11/3/27 kept well in refrigerator (over)

1000
 1000
 1000

Weight may now be slightly fast prime.

Weight	Price	Weight	Price
1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000

1000
 1000
 1000
 1000

Second sheet, Variety

945
White Sandstone (acc. No. 6386)

Storage notes:

10/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: ~~Light~~ dark normal.

Habit of Growth: Very (upright roundish) broad flat, ~~spreading~~ *same now*
Central leader: Partially retained ~~disappeared~~ *same now*

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked. *Smooth*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *#109623*

Fruit modeled

Fruit described *None under this name*

Disease notes by J. W. Roberts:

*Upright position of main limbs noted. These
continued central leader type of growth
until 2-3 years ago when the leaders
branched considerably.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whitney (No. 20)*
Pomology No. *Apparently not recorded*
Orchard location: Section *I* Row *9-10* Tree */*
Arlington Accession No. *4726*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/26</i>	<i>101622</i>	:	1927 -	<i>8/4</i>	<i>109253</i>
1923 -	<i>8/2</i>	<i>103378</i>	:	1928 -	<i>8/4</i>	<i>110280</i>
1924 -	<i>8/18</i>	<i>105098</i>	:	1929 -	<i>7/19</i>	<i>111017</i>
1925 -	<i>7/29</i>	<i>106526</i>	:	1930 -	<i>8/13</i>	<i>112279</i>
1926 -	—	—	:	1931	—	—

Blossom dates: 1924 - *5/2*, full bloom.
1925 - *4/15*, first bloom; *4/20*, part full.
1926 - *4/20*, full bloom
1927 - *4/16*, 50% buds open.
1928 - *4/20*, first bloom; *4/26*, 35% buds open;
Remarks: *7/1*, full bloom.

Scionus renewed 3/20/5
from Linn Co. Nursery, Center Point, Ia.
Characterization: 1928 notes. Somewhat larger than most crabs; roundish, slightly conic; ground color pale yellow, pretty well overspread with bright red, with fine more or less indistinct stripes; cavity medium in width and depth; stem $\frac{3}{4}$ " slender; some russet in cavity. Basin rather shallow, moderately broad; sepals small, converging; eye closed; dots very small, inconspicuous; flesh yellowish, fairly fine grain, tender, quite juicy, mild subacid, pleasant with no distinctive flavor, fair to good. Too small for an apple graft where hardiness of tree is a factor.

Second sheet, Variety

Whitney (Acc. No. 4726)

947

Storage notes:

10/31/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 75% ff.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained (disappeared.)

Branching:

Main limbs: Very medium (long) short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very (many) medium few; Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much broader ^{somewhat} narrower than tall.

Illustrations:

Tree photographed

Fruit painted [#]57289-112279 Fruit modeled

Fruit described #492

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whitney* (see under Remarks)
Pomology No. *Apparently not recorded*
Orchard location: Section *E* Row *1-2* Tree *2*
Arlington Accession No. *4946*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/26</i>	<i>101620</i>	:	1927 -	<i>8/4</i>	<i>109252</i>
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931		

Blossom dates: 1924 - *4/28, 25% buds open; 5/1 full bloom - bloom very light.*
1925 - *4/14, first bloom.*
1926 - *7/30, full bloom - bloom very light.*
1927 - *7/12, 20% buds open.*

Remarks: *Trees received 7/10/05 from Phoenix Nursery Co. Bloomington, Ill. under name Alaska. When and by whom name was changed to Whitney is not clear. However the fruit was OK'd as Whitney and there appears to have been no question raised as to this identification.*

Characterization:

1927 notes. Larger than most crabs, slightly oblong-conic; ground color pale yellow, pretty well overfaded with red stripes which in many places merge into a solid red wash; flesh yellowish, grain a little coarse with tendency to meakness (perhaps over-ripe) (picked 8/4/27, ripe 9/10/27). Moderately juicy, mild subacid, with characteristic flavor perhaps best described as a crab flavor.

PROPERTY OF THE UNITED STATES

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1917

1917

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Section	Range	Township	County	State	Acres
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
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68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75	75	75	75	75
76	76	76	76	76	76
77	77	77	77	77	77
78	78	78	78	78	78
79	79	79	79	79	79
80	80	80	80	80	80
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82	82	82	82	82	82
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84	84	84	84	84	84
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86	86	86	86	86	86
87	87	87	87	87	87
88	88	88	88	88	88
89	89	89	89	89	89
90	90	90	90	90	90
91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

1917
1917
1917
1917
1917

1917

1917

8

Second sheet, Variety

Whitney (acc. No. 4946)

949

Storage notes:

(originally named as
Alaska)

1/26/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *Will branch*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
(short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
1/2 - (1 - 2) - 3 inch; *Mostly branched* unbranched;
Spur twigs: Few medium (many); Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense (stocky)
grower; Top (round) much broader narrower than tall.

Many spurs and spur twigs give a "twiggy" effect.

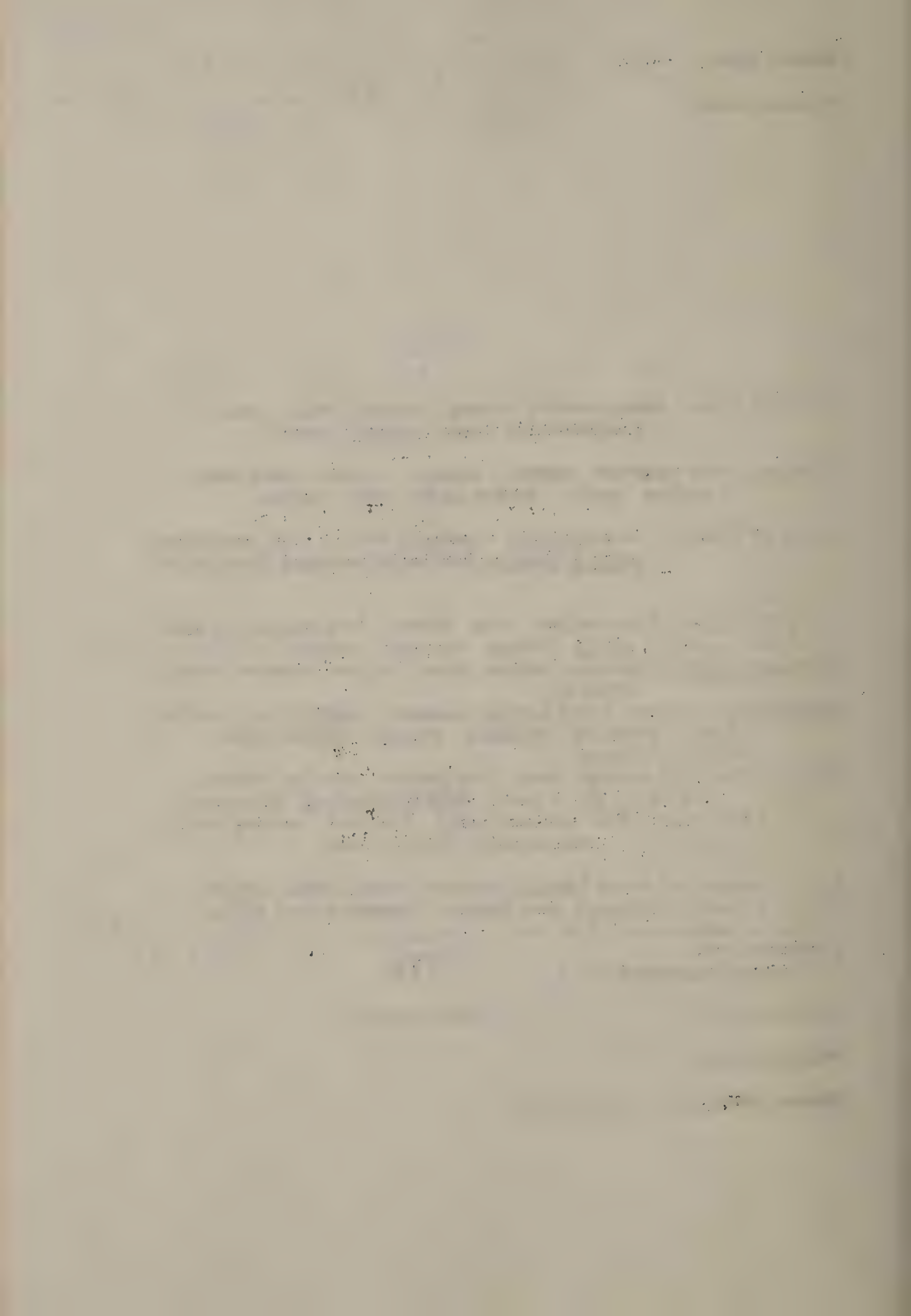
Illustrations:

Tree photographed Neg. No. 47979

Fruit painted #57289-112279 Fruit modeled

Fruit described #492

Disease notes by J. W. Roberts:



Variety Apple Orchard
Arlington Farm.

950

Whitney Russet
fruit from trees in 3 different
orchard locations came in for consider-
ation as Whitney Russet. The question
was never settled as to what Whitney
Russet is really like. Hence the question
as to whether any of these 3 lots was
in fact this variety. There is a lack
of information as to the characteristics
of the variety; the paintings on file do
not agree with each other (one of them was
made from an Arlington grown specimen
so may not be Whitney Russet); some
of the specimens from Arlington were
obviously something else, unidentified;
and furthermore for 2 of the lots there
is no accession card on file for use
in checking sources of material and
other data.

The different lots are recorded by
way of accounting for the accession
numbers and orchard locations.

These lots include acc. nos.

4309, 7203 and 7204.

See Remarks on No. 7203, next page.

No. 7203. The orchard records are hopelessly confused. In 1922, J:3-4:1 - fruit labeled Whitney Russet, appeared to be Paragon or Arkansas. In the same year ^{fruit marked} 7203 was received from J:1:3 marked Whitney Russet. This appeared to be Silver Red. But J:1:3, according to orchard map this location is Acc. No 7200. Another lot in 1922 labeled Whitney Russet was from J:1:4 which by the orchard map is Acc. No. 7201. There are no accession cards in the files for nos. 7200 to 7233 inclusive, so no way of checking up original sources of information is at hand.

Again in 1929, fruit labeled Whitney Russet, acc. No. 7203 from J:4:1 was a russet apple, possibly Whitney Russet. Thus the first mentioned record from J:3-4:1 may have been based on fruit from J:3:1, which may have been Paragon and that in 1929 from J:4:1 may have been Whitney Russet. (but in no place in the records do I find difference in tree type mentioned)

This seems to be a complete mix-up in records in these locations.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whitney Russet (maybe?)*

Pomology No. 28392

Orchard location: Section *E*

Row 21

Tree 1

Arlington Accession No. 4309

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/25	102622	1927 -		
1923 -	10/20	104286	1928 -		
1924 -	10/18	105982	1929 -		
1925 -	10/15	107138	1930 -		
	10-25	106755			
1926 -	10/13	108377	1931		

⊗ Cannot reconcile
Journ. No. 106755 picked
10/25 and No. 107138
picked 10 days
earlier - a mistake
somewhere!

Blossom dates: 1924 - 5/1 - full bloom - very light bloom.
1925 - Row 21 - 4/14 full bloom
" 22 - 4/14, first bloom; 4/18, 75% buds open.
1926 - " 21-4/30. full bloom
1927 - " 22, 4/30. first bloom

Remarks: Scions supposedly from Henry W. Hays,
Paint, Ohio 8/9/05. In each of the 3 years in
which blossoming records were made attention was
called to a difference in the trees. In 1926 Row 21 was
noted as being distinctly a burred branch and bloom was
heavy in that year - but on no, or very few spurs.
Characterization: Which tree, if either, was Whitney Russet was
never determined, though
in 1925 a note was made
on fruit from E:21:1
which clearly could
not have been Whitney
Russet, yet all of the
picking records and
fruit notes appear to
have been from E:21:1.
However, all the fruit
samples except 1 lot in
1925 had some of the
characters of Whitney Russet.
Fruit may be correctly identified. Medium
size, about 2 1/2" in diameter,
roundish, slightly oblate
regular except indistinct ribbing
ground color ^{deep yellow} heavily
russeted; dots rather few, yellowish,
inconspicuous. Flesh yellowish.
fine grain, rather firm, juicy,
well subacid, rather rich - one of
best in quality of the Russet group.
10/21/26 Too immature for quality
(over) note.

seems supposedly of Whitney Russell
were received 3/7/03 from Harry W.
Hoke. I am sure and entered in
Pam. Jour. under No. 28392. Whether
seems or has propagated therefrom
has been mixed up is of course a
question not.

953

Second sheet, Variety *Whitney Russet* (Acc. No. 4309)
Storage notes: 1926 Crop. Exam 3/16/27 considerably
shrunken, - fairly good a little tough - a little flat.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained) disappeared.

Branching:

Main stems: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium few) Very (medium slender stout)
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spear twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49017

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

T. Row 22 is much smaller than
the other on which the above record
is based.

No record of fruit from T. Row 22 and
variety is unidentified.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whitney Russell - supposedly but a hopeless mixup.*

Pomology No. *7203*

Orchard location: Section

Arlington Accession No. *7203*

J 3-4 1
J Row 1 Tree 3
J 1 4
J 4 1

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Characterization:

The first 3 locations have picking records for the year 1922; the 4th one has a picking record for 1929. From the notes none of the first 3 appears to have been Whitney Russell. J:4:1 may possibly have been that variety. The records are therefore worthless so far as variety notes are concerned. See preliminary statement (2d sheet) for further details - 1929 notes for J:3-4:1 were made but no record as to which tree they were based on - hence worthless.

THE NATIONAL BUREAU OF STANDARDS

Report of the
 Committee on
 the Standardization of
 the Units of Measurement
 in the United States

Unit	Symbol	Definition	Symbol	Definition
Foot	ft	0.3048 m	Second	1/86400 of the mean solar day
Second	s	1/86400 of the mean solar day	Minute	1/60 of the second
Minute	min	1/60 of the second	Hour	1/24 of the day
Hour	h	1/24 of the day	Day	24 hours
Day	d	24 hours	Week	7 days
Week	wk	7 days	Month	1/12 of the year
Month	mo	1/12 of the year	Year	365.2422 days
Year	yr	365.2422 days	Decade	10 years
Decade	dec	10 years	Century	100 years
Century	cent	100 years	Millennium	1000 years
Millennium	mill	1000 years		

The units of measurement
 are defined as follows:
 The foot is defined as
 1/12 of the yard.
 The second is defined as
 1/86400 of the mean solar day.
 The minute is defined as
 1/60 of the second.
 The hour is defined as
 1/24 of the day.
 The day is defined as
 24 hours.
 The week is defined as
 7 days.
 The month is defined as
 1/12 of the year.
 The year is defined as
 365.2422 days.
 The decade is defined as
 10 years.
 The century is defined as
 100 years.
 The millennium is defined as
 1000 years.

Approved by the
 National Bureau of Standards

Approved by the
 National Bureau of Standards

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Whitney Russet*
Pomology No. *none*
Orchard location: Section *J* Row *4* Tree *2*
Arlington Accession No. *7204*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/18	102543	:	1927 -	9/13	109411
1923 -	9/9	104089	:	1928 -	9/8	110412
1924 -	10/21	106027	:	1929 -	—	—
1925 -	—	—	:	1930 -	9/5	111607
1926 -	11/1	108721	:	1931	10/6	112360

Blossom dates: 1924 - 5/2, full bloom - light bloom.
1925 - 4/15, 90% buds open; 7/20, past full.
1926 - 5/1, 90% " " " - very light bloom.
1927 - 4/16, 20% " " " ; 5/1, 80% buds open.
1928 - 4/26, 30% " " " ; 5/1, 80% buds open.

Remarks:

7/10/22 - no record of harvest.
In 1923 + 1924 fruit specimens were labeled Paragon - other years Whitney Russet, but in those 2 years, the fruit was a russet variety, the same as in other years. How it came to be labeled Paragon those 2 years is not known.
Characterization: As a russet it is attractive at its best. Medium clear. Question if this is same as *Paragon* No. 10896.
size and shape - (2 1/2" to 2"); roundish conic to slightly oblong, concave - sharp point like *Spur Russet*; cavity medium, stem 3/4" slender; basin medium - wide, rather shallow; ribbed; sepals medium, converging, age - closed; ground color - yellow, usually self-colored - sometimes a slight coppery blush, surface covered with a fine, smooth russet, dots few, brownish and russet; flesh yellowish (over)

fine grain, fairly tender, fairly juicy,
 mild subacid, fairly rich, pretty good.
 An unusually large number of seeds -
 mentioned 11/26, not otherwise; 19/16/31 now
 in prime eating condition.

Second sheet, Variety

Whitney Russet (acc. No. 7204)

Storage notes:

1926 Crop. Out of storage 4/11/27. Exam 4/16/27.

all fruits have shriveled a good deal.
1 of 7 fruits decayed. - fine grain, tender -
quite juicy, mild subacid, pleasant.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat spreading
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (straight) branched twiggy; Medium open
(dense) willowy.

Spurs: Very many medium (few); Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 49679

Fruit modeled

Fruit painted several

Fruit described several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wm Anderson*

Pomology No. *28485*

Orchard location: Section *F* Row *11* Tree *5*

Arlington Accession No. *6763* (or perhaps *6733* - see under Remarks)
(see over - *6733* is correct.)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/25</i>	<i>102623</i>	:	1927 -		
1923 -	<i>9/15</i>	<i>104005</i>	:	1928 -		
1924 -	<i>9/7</i>	—	:	1929 -		
1925 -	<i>10/10</i>	<i>107135</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *5/2, 25% buds open; 5/6, full bloom - over eight*
1925 - *4/14, first bloom; 4/20, 75% buds open.*
1926 - *4/23, 90% buds open.*
1927 -

Remarks: *Scans supposedly received 3/20/35 (see over)*
There is apparently a mixup either in accession numbers or in names. Acc. No. 6763 is recorded in the S.P.S. inventory as Lord Walsley, as is acc. No. 6716. Wm Anderson is recorded as acc. No. 6733. Notes below suggest mistake may be in the acc. No.
Characterization:

1925 notes. Fruit checks pretty well with illustration on file. Small, distinctly oblate, cavity-wide, moderately deep; basin stem long, slender; basin very wide, shallow; ground color - practically covered with a dark red wash and indistinct stripes; a little buttermilk overspread on most fruits; dots fairly numerous, small, submerged, yellowish, inconspicuous. Flesh tender, fine grain, lacking in juice, mild and acid, flat; no account. A little faint prime 10/24/25 (no 2d sheet)
(over)

3/2/26- Two small, poor,
upright, spreading,
good twig growth, but
trees irregular and
likely not typical.

Painting: None

Description: #55616

These sections were from passing
trees on "The Falls" - originally
Pam. No. 21757 - ~~AP~~ 6733

Variety Apple Orchard

958

Arlington Farm

Variety: Williams

There were 4 different lots considered to be Williams, not all received as such. General facts are as follows:

Pom. No. 24354. Acc. No. 1936

Location: C: 1-2: 5.

Scions received from N. Y. Agr. Exp. Station.

Pom. No. 35823. Acc. No. 5218

Location: J: 11-12: 5.

Scions received 3/10/06 from Albert Huse, Burlington, N. Y. On the acc. card there is an implication stated that the variety may not be Williams, but no question appears to have been raised from an examination of the fruit that it was not Williams.

Pom. No. none. Acc. No. 6289

Location: S: 1: 1.

Scions from Lexington Co. S. C. through Mr. Raul of the then South Div. B. & F. as unknown but fruit was apparently identified as Williams. I recall that same excellent specimens of this variety were received from J. C. - I believe through Mr. Raul. No farm record covers this item.

Pom. No. 40336.

Location: J: 12: 5.

2 trees received 3/7/08 as Rabun Bald. Apparently fruit was identified as Williams, though no record of it except that the 2 orchard records give (over)

Acc. No. 6294

the variety as Williams. There is
inadequate information as to
the characteristics of Rabun Bald
to make a comparison of Williams
with that variety possible.
Rabun Bald is (or was) probably
a local variety from Georgia.

See variety sheet for Pam. no. 40336

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Williams*

Pomology No. *24354*

Orchard location: Section *6* Row *1-2* Tree *5*

Arlington Accession No. *1936*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>7/22</i>	<i>109200</i>
1923 -	<i>7/25</i>	<i>103365</i>	:	1928 -		
1924 -	<i>7/29</i>	<i>105048</i>	:	1929 -		
	<i>8-4</i>	<i>105055</i>	:	1930 -		
1925 -	<i>7-21</i>	<i>106747</i>	:	1931		
1926 -	<i>7/21</i>	<i>107641</i>	:			

Blossom dates: 1924 - *5/11*, 40% buds open.
1925 - *4/18*, 50% " " ; *4/23* - part full, but still buds.
1926 - *4/29*, center buds open
1927 - *5/2* - well past full.

Remarks: *Scions from N. Y. Expt Station in 1902.*

Characterization: *1927 notes. Fair size for the variety - medium or above. Ground color yellow, pretty well covered with attractive bright red ~~and~~ stripes; flesh tinged yellow, tender, fairly juicy, mild subacid but somewhat lacking in richness and character. At best it cannot rate very high in quality.*

Second sheet, Variety

Williamus Acc. No. 1936) 960

Storage notes:

1/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad) flat (spreading)
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium long short); Very medium slender
(stout) Medium straight (crooked).

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium ~~few~~ (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open (dense) stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Heg. No. 47987

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Williams*

Pomology No. 35823

Orchard location: Section

Row 11-12 Tree 5

Arlington Accession No. 5218

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	7/20	101605	:	1927 -	7/22	109202
1923 -	—	—	:	1928 -	8/1	110281
1924 -	—	—	:	1929 -	—	—
1925 -	—	—	:	1930 -	—	—
1926 -	7/21	107664	:	1931	—	—

Blossom dates: 1924 -

1925 -

1926 - 5/1, 25% buds open

1927 - 5/2, just full - still few petals

1928 - 5/1, buds just show pink.

Remarks:

Scions received 3/10/06 from Albert Hauser, Burlington, N. J. In acc. card there is an implied comment regarding correct identity but no question appears to have been raised from Characterization: an examination of the fruit.

Notes Aug. 17, 1928. Fruit better size for the variety than we have usually had from Arlington. oblong conic, somewhat ribbed; cavity rather narrow, rather shallow - stem about 3/4" fairly stout, base half commonly somewhat thickened, frequently knobs and other irregular developments on stem; basin moderately wide, rather deep, rather broad at base; sepals rather small, converging, reflexed, eye closed; ground color yellowish, pretty well covered with a bright (over)

broken

red wash and stripes of darker red;
- nicely finished - better than usual
from Arlington for this variety;

Flesh firm (7/17/20), fairly fine grain,
quite juicy, mild subacid with
a somewhat peculiar characteristic
flavor, fair to good in quality.

Second sheet, Variety

912
Williams (acc. No. 5218)

Storage notes:

11/9/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Mostly off.*

Habit of Growth: Very upright roundish (broad flat spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense (stocky)
(grower); Top round much (broader narrower than tall).

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Williams (by identification)*

Pomology No. *103368*

Orchard location: Section *G* Row *1* Tree *1*

Arlington Accession No. *6289*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>7/22</i>	<i>109201</i>
1923 -	<i>7/25</i>	<i>103368</i>	:	1928 -	<i>8/1</i>	<i>110282</i>
1924 -	—	—	:	1929 -	—	—
1925 -	—	—	:	1930 -	—	—
1926 -	<i>7/21</i>	<i>107642</i>	:	1931	—	—

Blossom dates: 1924 - *5/2, 20% buds open; 5/6 full bloom*
no Pom. Jan. entry that covers this item.
1925 - *4/20, 40%* " "
1926 - *4/30, center buds open*
1927 - *5/2, past full - most petals off.*
1928 - *4/26, buds just show pink; 5/1, first bloom.*

Remarks:

Scions from Lexington Co. S.C. through B. H. Raul & Co. Inc. 3/10/08 as unknown. Fruit identified as Williams and not questioned later. My recollection is that Mr. Raul at one time sent in some excellent specimens of Williams from his place in S.C.

Characterization:

1926+1928 notes rather small for

variety - same what different in type from J:11-12:5. Fruit less oblong being nearly roundish conic though as rule slightly oblong and more distinctly ribbed than J:11-12:5. But in 1926 no mention was made of this difference in shape but were described as oblong conic, slightly ribbed, ground color yellow, about half covered with dull red and heavily striped but fairly developed. Flesh yellowish tender, fairly juicy, subacid, flat - poor quality even for the variety. In 1928, comment (over)

was made in color markings.
Nearly solid red on exposed side with
only indistinct stripes, on about
 $\frac{3}{4}$ of surface. There was but little
red wash but splashes and
broken stripes of red were
notably distinct.

Second sheet, Variety

Williams/ace, No. (289) 964

Storage notes:

8/31/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light (dark) normal.

Habit of Growth: Very (upright) roundish broad flat (spreading). *very short*
Central leader: Partially retained disappeared. *trunk*.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight (crooked) *moderately smooth*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long medium
short; straight branched twiggy; Medium open
dense; Willowy. *12" to 15" annual growth*

Spurs: Very many medium few; Very medium slender (stout)
(1 1/2 - 2) - 2 - 3 inch; (Mostly branched unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

a good strong tree.

Illustrations:

Tree photographed

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Williams (see Remarks)*

Pomology No. 40336 (see over)

Orchard location: Section Row 12 Tree 5

Arlington Accession No. 6294

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 -		
1923 -			1928 -		
1924 -			1929 -	7/16	111018
1925 -			1930 -	7/29	111499
1926 -			1931 -		

Blossom dates: 1924 - 5/2, 25% buds open; 5/6, little past full.
1925 - 4/15, first bloom; 4/20, 25% buds open.
1926 - 5/1, 25% buds open
1927 - 5/2, still few petals remain
Remarks: 1928 - 5/1, buds just showing pink.

Characterization:

1929 note: This collection of fruit is one of best of variety ever received from Arlington. Fruit well developed, larger for the variety, and pretty well colored, while not as highly colored as sometimes, it was attractive and well finished. Fruit picked 7/16. Had at room temperature till 7/26. Some decay and fruit has rotted beyond market condition, nevertheless it has kept surprisingly well.

Pam. No 40336. There is a
mistake apparently, in this
number since the original
four entry for this number
is specimen of Wolf River
apple from P. H. H. H. H.

Second sheet, Variety

Williams (acc. No. 6294) 966

Storage notes:

11/9/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Mostly off*

Habit of Growth: Very upright roundish (broad flat spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long medium
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched).

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Spurs pretty well back on older secondary branches.

General aspect of tree: Medium slender (open dense stocky
grove); Top round much (broader narrower than tall).

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Willis Sweet*

Pomology No. 40644

Orchard location: Section *H* Row *21* Tree *1*

Arlington Accession No. *6426*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -	<i>8/24</i>	<i>109370</i>
1923 -			:	1928 -	<i>8/1</i>	<i>110283</i>
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -	<i>9/7</i>	<i>107952</i>	:	1931		

Blossom dates: 1924 - *3/1, full bloom*
 1925 - *no bloom*
 1926 - *7/30 - first bloom - bloom very light*
 1927 - *7/20, first bloom; 7/11 - few scattered blossoms.*

Remarks: *Accession name W. H. Irvine 3/2/05 - from his private collection in Arlington. This entry refers to Pom. No. 11559, - scions of Newby received from Thos. T. Newby, Carthage, Ind. 13-16-86*

Characterization: *Good size to large, roundish conic, fairly regular, kept some ribbing, sometimes lobes slightly irregular; cavity slightly rounded; basin rather broad, deep; sepals medium, partially reflexed; eye somewhat open; ground color pale yellow, a light overcast of red and indistinct stripes, under some conditions it would develop a light solid red; dots scattered, brownish rather conspicuous; flesh tinged yellow, a little watery, fairly fine grain, fairly tender, quite juicy, remarkably sweet, almost a honey sweetness, fairly rich - possibly a slight bitter taste but in quality a very desirable sweet apple.*

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Second sheet, Variety

968
Willis Swart (acc. No. 6426)

Storage notes:

10/5/28

(Below)
Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average (small).

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium (small) Color: Light dark normal. Clean.

Habit of Growth: Very upright roundish broad flat (spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very (medium slender)
Much branched (stout); Medium straight (crooked) Clean
Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. Many shoots from secondary and main

Spurs: Very many (medium) few; Very medium (slender) stout; limbs.
(1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spar twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Has general aspect of a sour cherry tree in size, position &
Illustrations: leaves and twig growth alone
Tree photographed Neg. No. 50738 branches

Fruit painted #109370

Fruit modeled

Fruit described #7697

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Willowtwig*

Pomology No. 43291

Orchard location: Section *I* Row *21* Tree *4*

Arlington Accession No. 7178

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/28	109624
1923 -	10/12	104248	:	1928 -	10/23	110590
1924 -	{ 10-4 10-18	{ 106025 106025(?)	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	10/4	108378	:	1931		

Blossom dates: 1924 - 7/2, 90% buds open; 5/6, part full
1925 - 7/15, 25% " " - only a few clusters
1926 - 7/30, 50% " "
1927 - 7/16, 10% "
1928 - 7/26, first bloom; 5/1, 35% buds open.

Remarks:

*scion renewed 1/30/09 from H. M.
Dunkap, Savoy, Ill.*

Characterization: Good size. roundish conic; cavity fairly wide and deep, often tipped; stem 1/2", moderately stout; basin wide, deep, abrupt, considerably wrinkled; sepals slender, recurved; eye large, open. Ground color greenish till full ripe then yellow tinged green, better colored fruits fairly well overspread with thin dull wash of red with indistinct stripes; dots variable from minute, whitish, and inconspicuous, some times submerged to medium sized brownish some what conspicuous on dull red surface; flesh yellowish, grain a little coarse, firm, crisp, moderately juicy, mild subacid, fairly good but 10/15/26 too immature for quality note. (over)

10/13/26
 10/16/27
 10/19/27

10/13/26 considerable better rot

10/16/27 - a little water cover

DATE	TYPE	AMOUNT	DATE	TYPE	AMOUNT
		1000			1000
		1000			1000
		1000			1000
		1000			1000
		1000			1000
		1000			1000

10/19/27

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Second sheet, Variety

Willow twig. (acc. No. 7178)

Storage notes:

1926 Crop. Out of storage 7/25/27. Exam. 7/28/27.
Has kept well as to texture but considerable
bitter rot and other decays have developed.
Flesh - where sound - is quite firm, rather lacking
in juice. Mild subacid but has a little spry alkalinity.
Cocks rochers; fair quality. 1928 Crop. Out of storage
4/17/29. Exam. June 4/29. Presumably fruit in refrigerator
measurably. A surprise in keeping quality. One or 2 fruits
have broken down but most of them appear to be in
excellent physical condition. Practically no wilting. Flesh
rather coarse grain, tender, fairly juicy, very mild subacid
almost neutral.
Fair quality.

vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; Medium (slender) stout; (Long) medium
short; (Straight) branched twiggy; Medium open
dense; (Willow)

Spurs: Very many medium (few) Very medium (slender) stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 50726

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Row 21 T1 - 273 main limbs "gone" from blight
and remaining are badly affected. Row 22 - not
much affected with blight now but it looks as if
the original top may have "gone" entirely and 2
sprouts spring up from near the base. A
poor tree as now grown.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wilson June*

Pomology No. 40792

Orchard location: Section 9 Row 7-8 Tree 3

Arlington Accession No. 6657

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/7	102236	:	1927 -	8/10	109286
1923 -	8/23	103841	:	1928 -	8/14	110284
1924 -	8/29	105213	:	1929 -	7/28	111026
1925 -	8/18	106636	:	1930 -	8/14	111522
1926 -	8/27	107782	:	1931 -	8/13	112280

Blossom dates: 1924 - 5/2, 75% buds open; 5/6, little past full - light bloom.
Tears apparently same but one is a little more advanced than other } 1925 - { R7 - 4/15, 90% " " ; 4/20, past full
1925 - { R8 - 4/15, 25% " " ; 4/20, little past full but still a few buds
1926 - 4-30, 50% " " " " " "
1927 - 4/16, first bloom; 5/2, still a few petals remain.
1928 - 4/26 " " ; 5/1, 75% buds open
Remarks: R8 - no bloom

Scions received 4/8/08 (over) In 1922 correctness of identification was questioned but not in subsequent years. Earlier notion that this variety was sweet modified on repeated evidence that it was mild subacid.

Characterization:
Medium size when at peak but same seasons below medium - about size of Red June; oblong, slightly conic, smooth, regular; cavity moderately deep, rather narrow, stem tipped, stem 1/4" to 1/2"; basin medium depth, rather wide; sepals rather large, converging; eye closed; ground color yellowish white to pale yellow, pretty well overspread with a fairly heavy wash of bright red with faint stripes which disappear in more highly colored fruits; on shaded side red may be mottled over surface. Sometimes upper side may become black red.
Flesh white, fairly fine grain, somewhat (over)

Body, sometimes a little lacking in
juice and a bit tough if not
fully ripe. Mild subacid, but
lacking richness - fairly good
but ~~probably~~ not as high quality
as Red June.

No. 40792 records seems of Wilson
same record 7/3/08 from
Stark Co., Louisiana. Mr.

Second sheet, Variety

Wilson June (acc. No. 6657) 972

Storage notes:

11/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal. 50% still remains.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

A certain stiff uprightness of main
limbs with rather slender secondary
limbs give considerable character
to the tree.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winesap*

Pomology No. *24355*

Orchard location: Section *6* Row *3-4* Tree *1*

Arlington Accession No. *1937*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/7</i>	<i>102778</i>	:	1927 -	<i>10/6</i>	<i>109664</i>
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -	<i>10/23</i>	<i>108722</i>	:	1931 -	<i>10/6</i>	<i>112361</i>

Blossom dates: 1924 - *5/1*, 60% buds open; *5/3*, full bloom.
1925 - *4/14*, 75% " " ; *4/18*, little past full.
1926 - *4/28*, 50% to 75% buds open.
1927 -

Remarks: *Scions received in 1902 from N. Y. State Expt. Station.*

Characterization: *Good size for variety, roundish conic, smooth, regular; Calyx medium in depth and width; Basin medium to shallow in depth, ribbed; Rim about apex sometimes slightly lobbed; sepals long, narrow, converging, style small to medium, closed; ground color yellowish, completely overspread with heavy wash of bright red, dots scattered, yellowish, inconspicuous; flesh tinged yellow, juicy, mild subacid, *10/11/27* too immature for fruit note. *3/9/28*, sprightly subacid, fairly rich, good to very good.*

Second sheet, Variety

Winesap (acc. No. 1937) 974

Storage notes: 1926 Crop. Fruit held in office refrigerator until Jan. 4, 1927. Now somewhat shriveled, but is fine grain, tender, juicy, though rather flat and lacks normal quality of the variety.
1927 crop. Out of storage 12/28. Exam. 1/9/28. Fruit in office refrigerator meanwhile. Has kept in excellent condition. Fine grain, tender, good body, quite juicy, rather sprightly subacid, fairly rich, good to very good.

Vigor of Tree: Exceptionally strong (average ^{or better} weak). Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish broad flat spreading. Central leader: Partially retained disappeared. 1/7/28

Branching:

Main limbs: Very medium long short; Very medium slender (stout) Medium straight crooked. well branched.

Secondary limbs: Numerous medium few: Medium slender stout; (spreading and drooping)

Twigs: (Many) medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender) stout; (1/2 - 1 - 2 - 3 inch) Mostly branched + unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. Nos. 42676 + 47933

Fruit painted Many Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

A good type of tree. Main limbs upright, secondary limbs droop somewhat, growth very twiggy.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wingate*

Pomology No. 46576

Orchard location: Section *J*

Row 23-24 Tree 2

Arlington Accession No. 8579

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/15	102277	:	1927 -	9/1	109371
1923 -	8/29	103869	:	1928 -	8/22	110329
1924 -	8/29	105216	:	1929 -	8/21	111092
1925 -	9/1	106698	:	1930 -	8/20	111543
1926 -	8/27	107953	:	1931 -	8/25	112298

Blossom dates: 1924 - 5/2, 20% buds open; 5/6, full - but very light
1925 - 4/15, first bloom; 4/20, 75% buds open.
1926 - 5/3, 90% buds open - very light except one limb
1927 - 4/16, first blossom; 5/2, still few petals.
1928 - 4/26, leaf buds just starting; 5/2, 95% buds open - very light bloom

Remarks:

Scions from W. H. Swin, over 2/10 - Scions received 7/1/10 from H. B. Parker, Strathmore, N. H.

Characterization:

Medium size or below, roundish to slightly conic, uniform, regular except slight ribbing; cavity medium; stem 1/4"; basin rather broad, shallow; sepals large, converging; eye closed; ground color yellow, a heavy overspread of red, with some stripes and splashes; considerable grayish waxiness (buttermilk); dots variable, yellowish, rather scattered, medium size, inconspicuous, sometimes light brown, raised; flesh white or only slightly tinged yellow, fine grain, firm, crisp, juicy, rather sharply acid till fully ripe (8/26) then (over)

sometimes astringent, but mild
 subacid and devoid of astringency when
 fully ripe, but a characteristic flavor.
 Fruit held in office some days has
 a very grassy feel.

DATE	PLANT	LOCALITY	COLLECTOR	NO.
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920

Second sheet, Variety

Wingate (acc. No. 8579) ⁹⁷⁶

Storage notes:

11/13/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 35% remains on.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
(dense) Willowy.

Spurs: Very many medium (few) Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

A strong, vigorous tree with great
potential bearing surface. The large size,
many secondary limbs, great number
of twigs, retention of large part of foliage -
are all distinctive features.

VARIETY APPLE ORCHARD
Arlington Farm

Variety

Winter Green

Pomology No.

40569

Orchard location: Section

H

Row

7-8

Tree

4

Arlington Accession No.

6387

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	10/26	102886	:	1927 -	10/4	109625
1923 -	10/12	104237	:	1928 -	10/10	110685
1924 -	11/4	106016	:	1929 -		
1925 -	10/15	107136	:	1930 -		
1926 -	11/1	108442	:	1931		

Blossom dates:

1924 -

5/12 full bloom - bloom very light.

from W. N. Ervin, Arlington

1925 -

4/15, first bloom; 4/20, still few buds.

1926 -

4/30, 40% buds open.

1927 -

4/12, first bloom.

1928 -

4/20, " ; 4/26, 50% buds open on few scattered branches

Remarks:

scions received 3/13/08 - variously compared in appearance with Texas, Newtown, Spitzenburg and Blue Mountain.

Characterization:

at best good size but sometimes below medium; roundish, sometimes conic, sometimes bumpy, in 1925 slightly oblate with halves unequal; cavity usually rather narrow moderately shallow but sometimes medium width and depth; stem 1/2" to 5/8" rather slender; basin fairly deep, fairly broad; sepals medium, reflexed; eye large, open; ground color yellow, pretty well over spread with faint bright wash of red and well defined stripes of same reddish red wash is dull and thin with some under color showing through well full ripe; rather heavy bloom; color variable from minute yellowish, submerged inconspicuous to yellowish, medium size, fairly (over)

conspicuous, some brownish, areolar,
 slightly raised; flesh yellowish, fairly
 fine grain, mild subacid, usually
 rather cooking in juice, sometimes inclined
 to be mealy, not rich, but pleasant
 and fairly good. In season 11/16/26.
 Sometimes a faint suggestion
 of some Pecan-like flavor.

- 1001	- 1002
- 1001	- 1003
- 1001	- 1004
- 1001	- 1005

- 1001	- 1006
- 1001	- 1007
- 1001	- 1008
- 1001	- 1009

Second sheet, Variety

Winter Green (an. No. 657) 978

Storage notes: 1926 Crop. Out of storage 7/27 Exam. 7/27

One of 5 fruits - completely decayed; otherwise
have kept well so far as shriveling and
scald are concerned. Rather soft; probably
has passed limit of storage durability. Some
fruits show breaking down of flesh probably
from overripeness. Quality about as elsewhere stated
1927 Crop. Stored 1/10; out 7/4/28. Exam 7/8/28. In
prime eating condition; has kept well, fine
grain, tender, fruit juicy, mild subacid, (over)

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very (large)
medium small; Color: ^{rather} Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium slender (stout)
(slight Drooping)

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense (stocky
grower); Top (round) much broader narrower than tall.

(a rather coarse aspect with its large leaves.)

Illustrations:

Tree photographed

Fruit painted 109625

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

a suggestion of astringency; lacks richness but rather delicate and pleasant though probably rating only fair in quality.

1928 Crop. Stored $10\frac{1}{8}$; out $7\frac{1}{4}/29$; exam $7/9/29$. In excellent condition, would probably have held considerably longer. In good eating condition now. Texture fairly firm with considerably body, fine grain, moderately juicy, very mild subacid, fairly rich, good. Fruit from storage reported as fairly juicy, but at time of examination soon after picking it was regularly reported as being somewhat lacking in juice.

Variety Apple Orchard

979

Arlington Farm

Variety: Winter John - acc. No 6427

Variety: Winter Vandura " " 6428

There is confusion between these 2 varieties, in part because of lack of definite information as to what the varieties are like; in part because of an apparent mix-up in the trees when planted; and in part because of an attempt to correct the acc. numbers on the fruit-labels without an adequate knowledge of the facts involved.

Scions of both varieties were received from Mr. Irwin 9/27/08. Instead of the trees being planted in regular order in the orchard, they were planted as follows:

#1: 21-22: 2

6428

6427

0

0

#1: 21-22: 3

6427

6428

0

0

This shifting of the trees resulted in confusion in the fruit records. They are straightened out as far as possible in the notes attached. However, acc. No. 6427 - supposedly Winter John, is a very different apple from acc. No. 6388 (#1: 7-8: 5) the latter being a very sour, small thing of very little value, but from Mr. Irwin's description (over).

of winter juice (Pom. No. 14721) which
was a small pale yellowish-green
apple from North Carolina, received
12/14/97 (2 fruits only) the fruit of No. 6385
seems much more likely to be correctly
named than does acc. No. 6427,
though the latter is a vastly better
apple than No. 6385.

To add still further to the confusion it
appears that the acc. nos. given
on at least some of the fruit
sample records do not agree
with the locations of these
numbers as they appear on
the orchard map. That is, the
orchard locations given in some
cases for winter juice, carry the
acc. nos. for winter hindware and
vice versa. Further, it looks as
if this mix-up may have been due
to a mixing of the tree labels so
that No. 6427 which should be
winter juice was made to apply
to winter hindware trees, while
No. 6425 was made to apply to what
should be winter juice trees. This
is based on the fact that winter hindware
is a red striped ^{conspicuous} apple as characterized in
description of Pom. No. 10857.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter John* ? what is winter John like? This not same as Acc. No. 6427.
Pomology No. 40570

Orchard location: Section *H* Row 7-8 Tree 5

Arlington Accession No. 6388. See acc No. 6427

Year	Date Picked	Pomology Number	Year	Date Picked	Pomology Number
1922	10/13	102862	1927	9/22	109489
1923	10/12	104271	1928	10/10	110686
1924	10/4	105632	1929	9/16	111258
1925	—	—	1930	9/19	111670
1926	11/1	108723	1931	10/6	112363

Blossom dates: 1924 - 5/2, 75% buds open; 5/6, considerably past full
1925 - 4/15, 20% " " ; 4/20, " " " "
1926 - 4/20, 40% buds open.
1927 - 4/26, 20% " " ; 5/1, 75% buds open.

Remarks: Scions received 3/13/08 from private collection
note: This fruit seems to check reasonably well with Mr.
Lowing's description of fruit of the variety from N.C.
received 10/14/97 - Pom. No. 14721.

Characterization: small - under 2" in diameter, roundish,
slightly conic, uniform, regular except for
indistinct ribbing; cavity fairly large, moderately
deep, abrupt, many fruits tipped, stem 1/4" - 3/4",
slender, cavity muscled; basin medium, eye closed.
Color pale yellow, sometimes an overcast
of gray, considerable leather cracking making
coarse appearance; dots few, large, irregular;
flesh white or very slight yellow tinge, fine green,
rather tough, fairly juicy, very sour to slightly
acid - too acid for ordinary uses - might have
value for juice blending. Tastes more like
a good sized crab than an apple.

Second sheet, Variety

981
Winter John (acc. No. 6358)

Storage notes: 1926 Crop. Out of storage 4/27. Exam 7/27.

Several fruits completely decayed, others shriveled.
Fine grain, a little tough, fairly juicy, subacid.
With no particular flavor - too poor for a rating.
1927 Crop. Out of storage Dec. 1927. Shrivelled perceptibly.
Fine grain, a little tough, fairly juicy, acidity rather sharp,
a little astringency. Too acid and too lacking in other
qualities to have value unless for juice blending, etc.
1928 Crop. Stored 1/18; out 7/4/29; Exam 7/29. At room
temp since 7/4. Fruit has become much shriveled.
Flesh has only slight trace of yellow. Fine grain, tender,
(over)

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout;
Drooping.

Twigs: Many medium (few) Medium (slender) stout; Long (medium)
short; (straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
1/2 - (1 - 2) 3 inch; Mostly branched (unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted # 101295 and one Fruit modeled
without Jour. No.

Fruit described 14721 (Winter John)

Disease notes by J. W. Roberts:

#1715 is much smaller than #1815.
Both have a great deal of burr knot.
Notes on #1815.

Sharp acidity at time of harvest has toned down
greatly so that it is not now too sharp for
dessert purposes; flavor rather pleasant
but hardly rating good. In appearance
and other respects it is far from a
desert apple.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter John*? (see under Remarks)

Pomology No. 40625 (see over)

Orchard location: Section *H* Row 21 Tree 3

Arlington Accession No. 6427 (see acc. No. 6388)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number	2 varieties are not the same.
1922 -	10/13	102863	1927 -	9/21	109491	
1923 -	10/8	104185	1928 -			
1924 -	10/8	105712	1929 -			
1925 -	9/22	106878	1930 -			
1926 -	10/4	108381	1931			

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Blossoming records quite full for these years but uncertainty of identification with respect to which trees are (supposedly) *Winter John* and which are *Winter Vandevere* makes them useless.

Remarks:

Scions supposedly received 3/27/08 from W. H. Irvine as were scions of *Winter Vandevere* but since this fruit is very different from acc. No. 6388 (#17-815) and that fruit seems to check fairly well with description of *Winter John*, Pom. No. 14721, it is uncertain what this variety was or where it came from.

Characterization:

Variously compared with *Satan*

Grimes Golden and Mammoth Grimes Golden in general color and external appearance. Large, roundish to slightly conic, a little irregular, slightly ribbed; cavity deep, abrupt; color of skin golden yellow, self colored except for possible very slight bronzing on upper side; dots yellowish and brownish, slightly raised, quite conspicuous; surface sometimes has many slight radial cracks; flesh yellowish, fine grain, considerable, body, mild subacid when fully ripe, sprightly when a little immature; tends to (over)

showed an exposure, then flesh a little
tough, 17/26. Too immature for full
flavor, but apparently at prime is
rather rich - good to very good.

Ann. No. 40625 is an apple record
3-23-08 for identification from
Wm. H. Stacy, Shelburne Falls, Mass.
If Mr. Brown obtained scions of
it they apparently went under
the same number as the fruit
though there is nothing to connect
this no. with any scions. A mistake
somewhere probably.

Second sheet, Variety

953
Winter John? Acc. No. 6427

Storage notes: 1926 Crop. Out of storage $\frac{1}{2}$ 1/2. Exam $\frac{1}{2}$ 1/2.

In excellent condition except for slight shriveling of 1 or 2 fruits. Not rich and without characteristic flavor but pleasant and fairly good eating. So far as flavor, juiciness, texture & this and what we have as Mammoth Grimes Golden are very closely alike. 1927 Crop. Out of storage and exam. $\frac{1}{2}$ 1/2.

In excellent condition and prime eating condition - fine grain, tender, juicy, mild subacid but no distinct washing flavor - hardly good in quality.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;

$\frac{1}{2}$ - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49038 (#122:2)

Fruit painted 101295 and one Fruit modeled without four. No.

Fruit described #14721 (Winter John)

Disease notes by J. W. Roberts:

Tree notes were made but for reasons of uncertain identification previously stated they are disregarded here.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Vandevere*? (see under Remarks)

Pomology No. 40646

Orchard location: Section *#* *#* Row *22* *2*
21 Tree *3*

Arlington Accession No. 6428.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102546</i>	:	1927 -	<i>10/21</i>	<i>109488</i>
1923 -	<i>10/18</i>	<i>104191</i>	:	1928 -		
1924 -	<i>10/8</i>	—	:	1929 -		
1925 -	<i>10/4</i>	<i>108379</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

The statement re blossom-ing notes made in the winter John (acc. No. 6427) records apply equally here.

Remarks:

Statement made under Remarks in the winter John (acc. No. 6427) records and in the Jacket sheet apply here.
(see over for source)

Characterization:

Medium to large, roundish conic to slightly oblong conic, sometimes indistinctly ribbed. Pedicels sometimes unequal; cavity usually tipped; stem $\frac{1}{4}$ ". Skin color greenish yellow to yellow. Highly colored fruits frost well dull red wash and indistinct stripes, each partly well covered with watermark blotches, can. specious leather cracking common: dots medium size, yellow-submerged, conspicuous on red surface; flesh yellow, fine grain, tender, moderately juicy, mild subacid, rich, good to very good - but in 1927 it was unattractive, lacking in juice and quality. Sometimes fruit suggests Newtown Pippin.

specimens recorded as Pam. No. 40646
were from Mr. Irwin's private collection
in Eckington received 3/25/08.
This entry is followed by the Pam.
No. 15666 - which records specimens
under this name received 5-31-97
from Theodore Day, Dyebery, Pa.

Second sheet, Variety

985
winter Vandewere? (acc no.)
6428

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

#14721 (winter John)

~~Disease notes by J. W. Roberts:~~

Tom notes were made but because of
uncertainty of identification they are
discarded in the present connection.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Vandevere* ?

Pomology No. *no acc. card*

Orchard location: Section *8*

Row *3-4* Tree *3*

Arlington Accession No. *7205* (see acc. No. 6425)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>9/13</i>	<i>109412</i>
1923 -	<i>9/19</i>	<i>104082</i>	:	1928 -	—	—
1924 -	—	—	:	1929 -	—	—
1925 -	—	—	:	1930 -	—	—
1926 -	<i>10/11</i>	<i>108380</i>	:	1931	—	—

Blossom dates: 1924 - *5/2, first bloom; 5/6, slightly past full - very light bloom*
 1925 - *4/15, 80% buds open; 4/20, full bloom.*
 1926 - *5/3, - few buds show pink.*
 1927 - *5/2, 85% buds open.*

Remarks:

This is a different apple from acc. No. 6425. It seems unlikely that it is the same apple as Pom. No. 10982, known as Winter Vandevere from Thos. Day, Sydney, Va. - only this one description.

Characterization:

*Medium to good size, roundish cone to slightly elongated; many specimens apex is sharply pointed. Ground color brownish yellow, with a thin pinkish ~~red~~ red overspread, with indistinct stripes; dots variable from numerous, white submerged and inconspicuous, to rather large, brownish conspicuous irregular dots; considerable rough leather cracking giving a coarse appearance. * Cavity sometimes considerably recessed, but not always; basin shallow, fair, broad; sepals reflexed, eye moderately large, open; apex a little like Smith Cider. Flesh yellowish, (over)*

fine grain, rather firm, fairly juicy,
well subacid, not unpleasant but
lacking in character and richness
only fairly good, but too immature
to appraise quality (7/16/27) but does
not seem likely it could be very
good at first.

- 1903	- 1903
- 1904	- 1904
- 1905	- 1905
- 1906	- 1906
- 1907	- 1907

- 1908	- 1908
- 1909	- 1909
- 1910	- 1910
- 1911	- 1911

Second sheet, Variety

987
Winter Vandevere? (acc. No.)
7205

Storage notes:

11/14/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 40% remain on.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium (long) short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense); Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender—open dense) stocky
grower; Top round much broader (narrower than tall)

Distinctly upright, roundish top.
Illustrations:
Tree photographed

Fruit painted several Fruit modeled

Fruit described #14721 (Winter John)

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD

Arlington Farm

Variety *Winter John - acc. no. 6427* H: 21: 3 } ?
Winter Vandevere, " " 7205 J: 3-4: 3

Pomology No.

Orchard location: Section Row Tree

Arlington Accession No.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -	9/27	110642 (no. 6427)
1924 -			:	1929 -	9/28	110641 (no. 7205)
1925 -			:	1930 -		
1926 -			:	1931		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

The notes below are on storage specimens. Crop of 1928. Stored 10/2, out of storage 1/4/29. Examined 1/7/29. The two lots

Remarks:

were considered as the same variety but it was uncertain which of the two varieties if either one was represented, though from the color markings it could hardly have been Winter John if the conception of that variety as a small

Characterization:

grown over some apple its correct description follows: (In prime condition for eating); fairly good size; general form roundish but sometimes slightly elongated and slightly conic; sometimes a suggestion of truncate form; cavity small, russeted usually clipped; stem 1/2" or less, usually rather slender but sometimes moderately stout; basin rather shallow, rather broad; sepals rather short, recurved; eye open, usually medium size, sometimes large; ground color greenish yellow (over)

Fairly well overspread, with well overspread
with a rather peculiar mixed shade of
red, but has a brownish cast over
which there is spread more or less
buttermilk; the color effect is variable
depending on the predominance of
if the red or the buttermilk over-
spread, or the ground color which
shows through; dots numerous,
variable, some yellowish and
submerged; others brown and
raised; some of the latter are
round, others appear as minute
brakes in the skin; flesh bright
yellow, fine grain, tender, fairly
juicy, very mild subacid, almost
neutral, a slight characteristic
flavor not pronounced enough
to be unpleasant, but the apple
is too lacking in character to
be of value; hardly better than
poor - fair would be a very
liberal rating.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Magellan*

Pomology No. 28486

Orchard location: Section *7* Row *9-10* Tree *4*

Arlington Accession No. *4358* *J.P.D. 6743*

See acc. No. 4343 (7:4:1) also Winter Magellan.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102746</i>	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	<i>10/18</i>	<i>105997</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>11/</i>	<i>108724</i>	:	1931		

Blossom dates: 1924 - *5/2*, first bloom; *5/6*, 75% buds open.
1925 - *4/20*, 20% buds open.
1926 - *4/30*, first bloom - about 25% buds open, center buds open.
1927 - *(see over for source)*

Remarks: *From Emerald, Victoria to Calif. 9/19/01 through C. A. Nobelin. scions received 3/30/03.*
It is not certain that this apple and acc. No. 4343 are identical but they have several points in common. This one evidently is better developed and better finished than were any of No. 4343.
Characterization: *Medium size, roundish to roundish conic, mostly regular, smooth; cavity medium, stem 1/2 to 3/4", slender. Basin medium; ground color yellow, with light blush on exposed side. Some fruits overspread with light coppery red wash about base; dots minute yellowish (submerged, hardly perceptible); flesh yellowish, fine grain, tender, fairly juicy, well subacid to subacid; flavor good, rather delicate, pleasant, fairly good.*
In season now - 11/5/26.

Source.
Scions used for propagation at
Arlington were from nursery trees
on Potomac Flats recorded there as
Pam No. 21758

Second sheet, Variety *Winter Mayellin* (acc. No. 4358)

Storage notes: 1926 Crop. Out 7 storage 4/2/27. Exam 4/5/27
Have kept well. No seeds. Ground color yellow with considerable coppery red overspread. Flesh yellowish, fine grain, tender, fairly juicy. Mild subacid, a little better than good. There is a certain sprightliness that is pleasant. Though the fruit appears to be in good condition it is perhaps a little past prime. Seems to have lost flavor somewhat.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Poor small trees - no true notes - evidently very inferior to acc. No. 4343 (7:14:4)
Illustrations: Tree photographed

Fruit painted #105987 Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

* But is - no tree description, a brief note appeared in the orchard record book in connection with blossoming records.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Majestic*

Pomology No. 28487

Orchard location: Section *7* Row *4* Tree *4*

Arlington Accession No. *4343* *S.P.J. 6767*

See acc. No. 4358 (7:4-10:4) also Winter Majestic.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/3</i>	<i>102854</i>	:	1927 -	<i>9/22</i>	<i>109490</i>
1923 -	<i>10/4</i>	<i>104178</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>9/23</i>	<i>106877</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *5/6, 75% buds open.*
1925 - *4/20, 20% " ; 4/23, 50% buds open.*
1926 -
1927 -

Remarks: *Scions received 3/20/03 - from Camden, New South Wales, arranged Ferguson & Son. To S.P.J. 6, Arlington were from nursery on Potomac flats - where recorded as Pom. No. 21759*

Characterization: *Medium size, regular, roundish conic*; cavity medium. Stem 1/2" slender; basin very shallow; medium width; sepals long, recurved; leaf veins from closed to slightly open; ground color greenish yellow, with slight blushing, or light coppery red overfired; sometimes slight bull's head colored; dots numerous, yellowish, submerged, moderately conspicuous - not depending on surface color; flesh tinged yellow, fine grain, firm, moderately juicy, very acid until fully mature; too immature for gratelade making 9/30/25! Most too acid for eating fresh 10/27 though some fruits softening - a rather pleasant flavor though probably below good in quality. *Surface very smooth!*

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972

Second sheet, Variety *Winter Majette* (acc. No. 4343)

Storage notes: 1927 Crop. Out of storage and exam 11/2/27. In excellent condition. Fairly fine grain. Considerable body, quite juicy, slightly subacid - most too acid for fresh use; slightly rich, good. 1927 Crop. Out storage probably 2/5/28. Exam 3/9/28. In office refrigerator - meanwhile considerably shriveled; texture a little grainy, tender, quite juicy, (mild subacid, a little sprightly, fairly pleasant but not rich, a little better than fair.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

1/26/28

Habit of Growth: Very upright (roundish) broad flat (spreading) Central leader: (Partially retained) disappeared.

Branching: Well branched

Main limbs: Very medium long short; Very (medium slender stout) (Medium straight crooked)

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many (medium) few: Medium slender stout; Long medium (short); Straight branched twiggy; Medium open dense; Willowy. a tendency to droop

Spurs: Very many medium (few); Very medium slender stout; 1/2 - (1 - 2) 3 inch; Mostly branched (unbranched); Spur twigs: For medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium slender open) dense stocky grower; Top (round) much broader narrower than tall.

Rather characteristic in roundish spreading top.

Illustrations:

Tree photographed Neg. No. 47985

Fruit painted #105997

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Paradise ? (see under Remarks)*

Pomology No. *24566*

Orchard location: Section *D* Row *19-20* Tree *1*

Arlington Accession No. *3114* (*see Acc. No. 6402-#112:3*
also supposed to be Winter Paradise)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/19</i>	<i>102806</i>	:	1927 -	<i>9/28</i>	<i>109627</i>
1923 -	<i>10/20</i>	<i>104227</i>	:	1928 -		
1924 -	<i>10/28</i>	<i>105974</i>	:	1929 -		
1925 -	<i>10/10</i>	<i>107137</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *4/28, first bloom; 5/3, full bloom*
1925 - *4/14, 75% buds open; 4/18, slightly past full*
1926 - *4/30, 75% " "*
1927 -

Remarks: *Scions received 4/7/02 from Prof L. R. Taft. Much agr. call as Jersey Sweet, when and by whom identification (as Winter Paradise was made is not known. No question was raised as to the fruit being Winter Paradise. It clearly was not Jersey Sweet.*

Characterization:

No fruit notes of value were made. Relatively small size for the variety was noted several times - but otherwise it was apparently regarded as typical of Winter Paradise.

994

Second sheet, Variety *Winter Paradise* (acc. No. 3114)

Storage notes: Only storage note was for 1727 crop under date of Jan. 19, 1728 when reference was made to storage notes for acc. No. 6402 (75112-13) which were said to apply to this fruit also.

11/7/28
Below

Vigor of Tree: Exceptionally strong ^(average) weak. Size: Exceptionally large ^(average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading. Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout; Drooping. *but small*

Twigs: Many (medium) few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium few); Very medium (slender) stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Main limbs upright in position but stand out with small limbs and twigs along the sides.

Illustrations:

Tree photographed Neg. No. 47949

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Winter Paradise* ? (see under Remarks)

Pomology No. 40583

Orchard location: Section *H* Row *12* Tree *3*

Arlington Accession No. *6402* (See acc. No. 3114 - D:19-20:1 also supposed to be *Winter Paradise*)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/28	109605
1923 -	11/8	104360	:	1928 -	9/27	110639
1924 -	—	—	:	1929 -	9/25	111257
1925 -	—	—	:	1930 -	—	—
1926 -	—	—	:	1931 -	—	—

Blossom dates: 1924 - 5/2, 75% buds open; 5/6 - full bloom - very light
1925 - 4/15, 40% " " ; 4/20, a little past full - a few clusters only
1926 - 4/30, no bloom
1927 - 4/26, just ready to burst open; 5/1, 50% buds open

Remarks: serious outbreak 3/27/08 from ~~which I know~~ (see over) as a seedling apple. Mr. Corrick in 1923 considered this fruit to be *Winter Paradise*. I apparently did not question that identification then, nor at any later time. *HPS* and it was reported as that variety in after years.

Characterization: Medium to moderately good size, slightly roundish conic, commonly slightly oblate; smooth except occasional indistinct ribbing; cavity fairly deep, moderate width, abrupt, often heavily recessed; stem 1/2" to 3/4", moderately stout; basin medium, rather abrupt; sepals converging, medium length; eye closed; ground color yellow, more or less overspread with light pinkish red, sometimes along stripes or splashes of pinkish red; dots variable, many minute, whitish, very inconspicuous about apex, some brownish, sometimes (over)

slightly raised, rather conspicuous on yellow
surface; flesh white or slightly tinged
yellow, fine grain, fairly firm
but tender, moderately juicy,
sweet, fairly rich, good in
quality.

Seeds received 3/14/08 from A. T.
Cox, Proctorville, Ohio. The four
entry under No. 40553, records - "like
Paradise winter sweet"

Second sheet, Variety

996
Winter Paradise? (see No. 6402)

Storage notes:

1928 Crop. Stored 12/28. Out 1/4/29.
Though apparently in prime physical condition,
it may have lost flavor somewhat.

1929 Crop. Out of storage 1/4/28. Exam. 1/19/28.
Prime eating condition - but possibly
has lost flavor slightly though still fairly
rich and good or slightly better than
good in quality.

(Fair)
Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked. *smooth*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well distributed*

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; (Medium open)
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit pointed

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety Winter Smokehouse

Pomology No. 40571

Orchard location: Section H Row 9-10 Tree 1

Arlington Accession No. 6389

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/28	102645	:	1927 -	9/21	109559
1923 -	10/12	104229	:	1928 -		
1924 -	9/24	105437	:	1929 -		
1925 -	9/23	106879	:	1930 -		
1926 -	10/4	108364	:	1931		

Blossom dates: 1924 - 5/2, 90% buds open; 5/6, petals mostly off.
1925 - 4/15, 75% " " ; 4/20, past full but still few buds.
1926 - 4/30, 75% " "
1927 - 4/20, first bloom; 4/26, 20% buds open; 5/1, 95% " "

Remarks:

Scions received 3/13/08, as winter smokehouse. Comment made several times to the effect that there was no apparent difference between it and Smokehouse.

Characterization:

However in 1923 it was noted that the fruit was more highly colored than any Smokehouse apples from Arlington received that year.

Scions from private collection of W. H. Irvine, Ealingham.

STANDARD FORM NO. 7-57 OFFICE OF THE SECRETARY OF DEFENSE WASHINGTON, D. C. 20301

(This form is to be filled out by the person who is the subject of the report.)

(If the report is made by a third party, the name of the person who is the subject of the report should be given in the space provided below.)

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Address of person who is the subject of the report: _____

Report made by	Report made on	Report made at	Report made on	Report made at
(Name)	(Name)	(Name)	(Name)	(Name)
(Address)	(Address)	(Address)	(Address)	(Address)
(City)	(City)	(City)	(City)	(City)
(State)	(State)	(State)	(State)	(State)
(Zip)	(Zip)	(Zip)	(Zip)	(Zip)

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Second sheet, Variety

Winter Smokehouse

998

Storage notes:

(acc. No. 6389)

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

107
13
28

Foliage: Very (abundant) normal scanty. Leaves: Very large
fine cone-medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (somewhat spreading)
Central leader: Partially retained (disappeared)

Same general type as Vandewere

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked. well branched

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. well

Trigs: (Many) medium few: (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
if well distributed 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
not conspicuous

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none much like Vandewere

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine strong tree - a comparatively low
spreading top.

Illustrations:

Tree photographed

Fruit painted None

Fruit modeled

Fruit described None under this name

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wisner*

Pomology No. 40613

Orchard location: Section *H* Row 14 Tree 5

Arlington Accession No. 6410

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/21	109457
1923 -	9/19	104081	:	1928 -	9/8	110370
1924 -	9/23	106880	:	1929 -	9/10	111174
1925 -	—	—	:	1930 -	—	—
1926 -	—	—	:	1931 -	—	—

Blossom dates: 1924 - 5/2, 90% buds open; 5/6, little past full.
1925 - 4/15, first bloom; 4/20, very light bloom.
1926 - 4/30, full bloom - very few clusters
1927 - 4/26, 20% buds open; 5/1, past full.

Remarks:

(very) seems from W. H. Durwin 3/27/08.

The identity of this apple was never definitely determined. But little information as to fruit Wisner is like. Likely it was OK, but some

Characterization:

uncertain, always ripened.
Below medium, occasionally medium in size; smooth and regular shape for distinct ribbing; cavity medium; stem 1/8" slender; basin medium depth, wide; sepals small, eye closed; ground color bright yellow, pretty well covered with a bright red wash and more or less striping; dots small brownish or yellowish, some submerging, some raised, conspicuous or not depending on background color; flesh yellowish, pleasantly fine grain, breaking tender, juicy, mild sub acid, good to very good. In prime eating condition 9/12/25.

Seasons probably delivered to Arlington
by Mr. Loring (but received 3/21/05
from H. L. Fairchild, Bridgeport, Conn.

Second sheet, Variety

1055
Wisner / acc. No. 6410

Storage notes:

10/20/28

Vigor of Tree: Exceptionally strong average (weak). Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long (short); Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few); (Medium) slender stout;
Drooping.

Twigs: Many medium (few); (Medium) slender stout; Long medium
(short); (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1 - 2)- 3 inch; Mostly branched (unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense stocky
grower; Top round much (broader narrower than tall).

No apparent disease but dwarfish and very slight annual growth

Illustrations:

Tree photographed

Fruit painted #38980-10945 } Fruit modeled

Fruit described #38980

Disease notes by J. W. Roberts:

located next to ditch - that may have
restricted growth somewhat.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Wolf River*
Pomology No. *24356*
Orchard location: Section *6* Row *3-4* Tree *2*
Arlington Accession No. *1938*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/19</i>	<i>102286</i>	1927 -	<i>9/23</i>	<i>109560</i>
1923 -	<i>9/27</i>	<i>104121</i>	1928 -		
1924 -	<i>9/15</i>	<i>105423</i>	1929 -		
1925 -	<i>9/16</i>	<i>106798</i>	1930 -		
1926 -	<i>9/9</i>	<i>107954</i>	1931		

Blossom dates: 1924 - *5/1, 25% buds open*
1925 - *4/14, 40% " " 4/18, full bloom*
1926 - *4/28, 50% " "*
1927 -

Remarks: *Scions from N. Y. Expt. station in 1902. From notes in several years this variety evidently developed very well at Arlington.*

Characterization: *1926 notes. Fair size for the variety - large, sometimes a little compressed, sometimes slightly angular, but in general fairly regular, roundish, slightly conic, sometimes distinctly oblate; ground color pale yellow, nearly covered with a wash of bright red, with some indistinct stripes; sometimes a light buttermilk overcoat, a white bloom very fine, wiped off in handling; dots, rather large, yellowish, quite conspicuous. Skin delicate creamy white, fine grain, rather firm, a little rough, ^{fairly firm} too acid for eating fresh 7/15/26 but cook well (over)*

making a rich well flavored sauce
when adequate sugar is added.
It requires considerable sugar to
tone down the acidity of the fruit
- at least these specimens needed

9/15/26. In quality rating for
dessert it would not be above
fair - or fair to good.

Second sheet, Variety

Wolf River (acc. No. 1938)

Storage notes:

11/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish (broad flat spreading ^{top})
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium (slender) stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few) Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Reg. No. 47921

Fruit painted several

Fruit modeled

Fruit described #12488-45581

Disease notes by J. W. Roberts:

Tree rather distinctive, long bare growth
2 & 3 years old is striking as well as the
number of long unbranched switches
(shoots?).

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Worcester Pearmain*

Pomology No. 40572

Orchard location: Section *H* Row *9-10* Tree *2*

Arlington Accession No. *6390*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/19</i>	<i>102293</i>	1927 -	<i>9/22</i>	<i>109372</i>
1923 -	<i>8/14</i>	<i>103425</i>	1928 -	<i>8/14</i>	<i>110285</i>
1924 -	—	—	1929 -	—	—
1925 -	—	—	1930 -	—	—
1926 -	<i>8/27</i>	<i>107783</i>	1931 -	—	—

Blossom dates: 1924 - *5/2*, *25%* buds open; *5/6*, full bloom.
1925 - *4/15*, *25%* " " ; *4/20*, *90%* buds open.
1926 - *4/30*, *50%* " " "
1927 - *4/26*, first bloom; *5/1* 20 " "

Remarks: Scions received *3/13/08*
Presumably correctly identified but not much
information available to check by. Scions from
private collection of W. H. Smith, Arlington.

Characterization: Mostly 1926 notes. Below medium
in size, regular, smooth except slight ribbing;
roundish conic to slightly oblate;
cavity medium depth, rather narrow; basin
rather small; sepals small, eye closed;
ground color yellow, nearly covered with a
heavy wash of bright red, with some indistinct
stripping; dots rather numerous, some brownish,
some yellowish, sometimes raised, some
submerged, not conspicuous; flesh yellowish,
fairly fine grain, a little tough but not severely
so, fairly juicy, mild subacid, a rather
characteristic flavor slightly suggestive
(over)

Blue Pearmain, moderately rich,
fairly good quality. Though not
very high quality it is pleasant
and agreeable. Probably
too small for commercial purposes.

Second sheet, Variety

1004
Worcester Pearmain (acc.
No. 6390)

Storage notes:

10/9/28

Vigor of Tree: Exceptionally strong average weak. Size:

Exceptionally large average small.

A very poor weak small tree
Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

small - weak - thin
Habit of Growth: Very (upright) roundish broad flat (spreading.)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked. *weak*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted [#]107783-110285 Fruit modeled

Fruit described 2 lone

Trees are too weak and poor to judge characteristics
~~Disease notes by J. W. Roberts:~~

*A ditch is between them but other trees along
side - but not quite so close to the ditch - are
in good condition. Inference is that it is
a poor weak grower here; however the location
is low and drainage may be poor at times.*

1877

1878

1879

1880

1881

1882

1883

1884

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Beesflower*
Pomology No. *24357*
Orchard location: Section *6* Row *3-4* Tree *3*
Arlington Accession No. *1939*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/3</i>	<i>102765</i>	:	1927 -	<i>9/23</i>	<i>109561</i>
1923 -	<i>10/26</i>	<i>104313</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>9/16</i>	<i>106799</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *5/2, full bloom*
1925 - *7/14, 50% buds open; 7/18, past full*
1926 - *7/28, full bloom*
1927 - *7/12, 20% buds open*

Remarks: *Scions from N.Y. Expt. Station in 1902*

Characterization: *Mostly 1925 notes. Typical in size, form and external markings except skin is rougher than normal from specks of russet and raised dots than usual in North. Dots numerous, rather large, brownish, conspicuous. Flesh yellowish, fairly fine grain, rather crisp, firm, juicy. Fairly good but lacks characteristic flavor of northern grown fruit. On Oct. 10 after fruit had been held in refrigerator since Sept. 14 it had reached good eating condition. Moderately tender but crisp, slightly sweet (over)*

rather mild and acid with some of
the characteristic flavor of the
variety when grown in the North.

Some specimens of this apple
particularly those which are less
cavie than the type, are very
like Celestia (C: 21-22:2) in
external appearance. Color,
dots and other external markings
are strikingly similar.

Second sheet, Variety

Yellow Bellflower (inc. No. 1006)
Storage notes: 1927 Cup. Out of storage 17/31, 1939

Exam 1/4/28. Fine grain, tender, fairly good body, rather sprightly, subacid, peculiar not very pleasant flavor - not characteristic of the variety. - Hardly good in quality at this time.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: Partially retained disappeared, 17/28

Branching:

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked. Well branched.

Secondary limbs: Numerous medium few; Medium slender stout; (Slightly Drooping).

Twigs: (Many) medium few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy. Many small short twigs.

Spines: Very many (medium) few; Very (medium slender stout) (Mostly 1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Veg. No. 47928

Fruit painted Several

Fruit modeled

Fruit described 30795

Disease notes by J. W. Roberts:

Main limbs show a good many earlier canker (?) infections that are not advancing and wounds appear to be healing, but still large areas not covered. Much small twiggy growth.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Bellflower ?*
Pomology No. *24544*
Orchard location: Section *D* Row *7-8* Tree *4*
Arlington Accession No. *3075*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -	<i>10/13</i>	<i>108382</i>	:	1931		

Blossom dates: 1924 - *4/28 25% buds open; 5/2 full bloom.*
1925 - *4/14 full bloom*
1926 - *Identity as yellow Bellflower*
1927 - *seems quite uncertain*

Remarks: *Scions received 4/3/02 from Stark Bros. Louisiana, Mo. supposedly for Florence Crab - who identified the fruit as yellow Bellflower is not indicated*

Characterization:
good size
but variable in shape from the character

Why only the one picking record is not clear. Fairly full fruit notes were made - the substance of which follows:
ish yellow bellflower elongation with sharp narrowing (sharply conic) apex and robust roundish and even distinctly obtuse but aside from form all having similar external characteristics; cavity rather deep, moderately wide; stem 1" slender; basin rather shallow, narrow, corrugated; sepals small, eye closed; (over)

ground color (skin color) yellow - mostly
self-colored, but some of these specimens
have more bluish than is normal for
the variety - one of the reasons, together
with variation in shape, why correctness
of identification is questioned. Oats
numerous, brownish, slightly
raised; considerable fine, slightly
russeted rather cracking; flesh
yellowish, fine grain, rather high
10/21/26 but under 3/24/27 fairly
juicy 10/21/26, but a little lacking 3/24/27,
sprightly, subacid, only fairly
good, characteristic flavor
yellow Bellflower entirely lacking
10/21/26 but too immature (at this
date for final quality note.
see storage notes.

Second sheet, Variety *Yellow Bellflower (?)* acc. No. 3075
Storage notes: [Acorns received, supposedly as
crop 1926. *Flower* crab

Out of storage 3/15/27. Exam.
3/24/27. In office refrigerator meanwhile.
At this time grain a little coarse, slight lack in
juice, tendency to mealiness mixed, imbued with
slight suggestion of yellow bellflower flavor, a little
sprightly, flavor flat compared with yellow
bellflower at its best; considerably past prime,
some specimens breaking down.

Vigor of Tree: Exceptionally strong average weak. Size: *apparently from*
Exceptionally large average small. *old age; some*

Foliage: Very abundant normal scanty. Leaves: Very large *fruits*
medium small; Color: Light dark normal. *somewhat*
shaded.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few: Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *# 30795*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Newtown (Green Newtown)*
see remarks.

Pomology No. *24269*

Orchard location: Section *A* Row *21-22* Tree *2*

Arlington Accession No. *1851*

see acc. nos. 1940 and 7325 - supposed to be Yellow Newtown.

Year	Date Picked	Pomology Number	:	Year	Date Picked	Pomology Number
1922	<i>10/19</i>	<i>102799</i>	:	1927	<i>10/6</i>	<i>109665</i>
1923	—	—	:	1928	—	—
1924	<i>10/8</i>	<i>105681</i>	:	1929	—	—
1925	—	—	:	1930	—	—
1926	<i>10/13</i>	<i>108383</i>	:	1931	—	—

Blossom dates: 1924 - *4/30. full bloom*
This is apparently intended as the Green Newtown counterpart of acc. no. 1940 of record as Yellow Newtown from same source
1925 - *4/13, 50% buds open; 4/16. full bloom.*
1926 - *4/28, 90% " "*
1927 -

Remarks: *Scraws received in 1902 from H. G. Giff. Sta. as Green Newtown but in 1922 the fruit which came in labeled (erroneously) Harburt appeared to be fine large specimens of Yellow Newtown it was so designated and*

Characterization: *Good size to large; roundish to somewhat elongated, inclined to truncate form, sometimes a little apicoid and halves unequal but irregularities not pronounced; cavity medium, considerably russeted; stem 1/2"; basin medium, ground color yellow with light pinkish red blush, sometimes stripes and splashes of same; buttermilk overspread; dots numerous, brownish, conspicuous or not depending on background color; flesh yellowish, fine grain (over)*

firm, crisp, juicy, springy with subacid
rich, but ¹⁰/_{21/26} too immature for
presently making? See storage note.

It is worth recording that the
fruit notes in practically every
year record a statement of
the excellent size, finish
and quality of this fruit in
very particular. If not
Green Newtown in distinct-
ion from Yellow Newtown
it was apparently an excellent
"strain" - whatever that may
mean - of Yellow Newtown
in comparison with the
other lots of Yellow Newtown
in the orchard.

Second sheet, Variety

Yellow Newtown (Green Newtown)
(acc. No. 1851)

Storage notes: 1926 Crop. Out of storage 3/15/27.

Exam. 3/24/27. In office refrigerator meanwhile.

Same scald but no shriveling; an whole fruit has held up fairly well. Flesh fine grain, quite distinctly breaking, moderately juicy, mild subacid, fairly rich. 1927 Crop. Out

of Storage 7/27/28; Exam. 3/19/28. Kept in excellent condition; fine grain, tender but crisp, juicy, mild subacid, rich - while probably not the variety - at its best it is better than good - probably very good.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant (normal) (scanty). Leaves: Very large (medium) small; Color: (Light) dark normal.

Many leaves have dropped - considerable leaf spot.

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium) slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium (slender) stout; Drooping.

Twigs: Many (medium) few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; Very medium (slender) stout; 1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

Bearing mostly on spurs, some spur twigs; few terminal.

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47862

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts: Leaf hopper work evident.

Trunks in pretty good location but never have shown much vigor - bark not suitable. Many spurs have no fruit this year (1927). Trunks look as if they should bear well next year, but many spurs with no fruit now are weak, though some apparently strong spurs have no fruit this year. A: 24:2 - Main limbs bad shake from the yellow Newtown bark disease.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Newtown*

Pomology No. *24358*

Orchard location: Section *6* Row *3* Tree *4*

Arlington Accession No. *1940*

See acc. Nos 1851 and 4325 - supposed to be same var.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	<i>10/11</i>	<i>105601</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>10/20</i>	<i>108725</i>	:	1931 -		

Blossom dates: 192⁵~~4~~ - *4/14, 20% buds open; 4/18, full bloom.*
192⁴~~5~~ - *5/1, 25% " " ; 5/3, " "*
1926 - *4/29, 40% " "*
1927 -

Remarks: *Scions received in 1902 from H. J. Egt. Sta. These scions were apparently the yellow Newtown counterpart of acc. No. 1851 (A:21-22:2) from same source as Green Newtown.*

Characterization: *In 1924 fruit fine, large, well developed and characteristic of the variety. In 1926 it was smaller than the variety - rating medium in size, otherwise fairly typical. - See storage note for further statement*

1911-1912 ANNUAL REPORT OF THE BOARD OF SUPERVISORS

1912

PREPARED BY THE
 CLERK OF THE BOARD OF SUPERVISORS
 (BY APPOINTMENT OF THE BOARD)

AMOUNT PAID	TO	FOR	DATE
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911
100.00	TO THE	FOR	1911

TOTAL
 1911
 1912
 1913

THE BOARD OF SUPERVISORS
 OF THE COUNTY OF ALBANY
 NEW YORK

1012

Second sheet, Variety *Yellow Newtown* (acc. No. 1940)

Storage notes: 1926 Crop. Out of storage 3/25/27 Wam. 4/1/27

Physical condition generally good but some decay from butter rot and other diseases and one fruit shows ~~decay~~ showing (condition doesn't sound so good!)

Fine grain, crisp, breaking, firm, juicy, mild subacid, good to very good but below standard of the variety - but as good as could be expected from a rather immature, unattractive specimen

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

a small inferior tree. Good deal of bark disease on limbs. Looks as if crown gall was very bad. Tree is weak and poor.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Newtown*

Pomology No. 28428

Orchard location: Section *7* Row *1-2* Tree *2*

Arlington Accession No. *4325*

see acc. Nos. 1440 and 1851 - supposed to be Yellow Newtown

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/13</i>	<i>102855</i>	:	1927 -	<i>9/28</i>	<i>109628</i>
1923 -	<i>10/8</i>	<i>104188</i>	:	1928 -		
1924 -			:	1929 -		
1925 -	<i>10/17</i>	<i>107139</i>	:	1930 -		
1926 -	<i>10/2</i>	<i>108473</i>	:	1931		

Blossom dates: 1924 - *no bloom*
1925 - *4/15, 25% buds open; 4/20, little past full*
1926 - *4/30, center buds open.*
1927 -

Remarks: *scions received from N.Y. Expt. Station in 1902.*

Characterization: *Typical of variety in general conformation. Fairly large for the variety - larger than usual from Arlington where neither soil or location is suitable for it. Fairly regular in some cases, and roundish, sometimes more or less truncate, some fruits slightly elongated, plus lopsided - quite variable; cavity medium, considerable russeting; stem 1/2", medium; basin rather shallow, medium width; sepals rather slender, recurved; eye medium generally open or half open; ground color greenish yellow to a rather rich yellow depending on maturity, usually self colored except for rather pink flecking and overexposed and sometimes a pinkish blush with splashes and stripes of same; (over)*

normally many minute brownish dots
but in 1926 many of these developed
into small cracks in the skin and
rather coarse leather cracking that
made a rough poor finish. This
was especially pronounced in 1926.
Fish yellowish, fine grain,
firm, crisp, breaking, juicy,
1/26 slightly subacid, rich
but too immature for pickling
trading. See storage note!

Second sheet, Variety

1014
Yellow Newtown (acc. No. 4325)

Storage notes:

1926 crop. Held in office refrigerator till 1/4/27. Considerably shriveled, flesh is fine grain and breaking was through shriveled; quite juicy but quality poor for the variety - may be due to poor location and soil or to way handled. 1927 crop. Stored 1/9; out 1/19/28 again 1/3/28. No scald. Firm, fine grain crisp, juicy, mild subacid, rich, very good.

Vigor of Tree: Exceptionally strong average weak; Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Pippin*

Pomology No. 40573

Orchard location: Section *H* Row 9-10 Tree 3

Arlington Accession No. 6391

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	—	—
1923 -	—	—	:	1928 -	10/23	110891
1924 -	11/4	106017	:	1929 -	—	—
1925 -	—	—	:	1930 -	—	—
1926 -	11/	108544	:	1931	—	—

Blossom dates: 1924 - 7/2, 20% buds open; 7/6, 75% buds open -
1925 - 4/15, first bloom; 4/20, 50% buds open.
1926 - 4/30, " " "
1927 -

Remarks: *Seeds removed 3/13/08. From private collection of W. H. Rubin, Lexington.*

Characterization: Medium size or above, slightly oblate cone, sometimes robed; cavity medium deep, fairly broad; stem variable, 1/4" to 1/8", moderately stout. * Ground color greenish yellow, with coppery, sometimes pinkish overtones; dots numerous, variable, some whitish, submerged, others irregular, brownish, conspicuous.
* Basin deep, broad abrupt; sepals medium, eye usually closed.
* Flesh yellowish, 6/4, rather coarse grain, 4/4 1/2, extremely fine grain. * Both store fruit; cover

CRAB MEAT, FRESH
 CRAB MEAT, FRESH

Fairly tender, moderately juicy, very
 mild-sour. 7/1/27 - delicate, pleasant,
 but not pronounced, good to bitter.
 4/4/28 (storage fruit) fairly high quality.
 Unattractive - appearance.

- 700	- 700
- 800	- 800
- 900	- 900
- 1000	- 1000
- 1100	- 1100

- 1200	- 1200
- 1300	- 1300
- 1400	- 1400
- 1500	- 1500

Second sheet, Variety

Yellow Pippin. (acc. No. 1016 6371)

Storage notes:

Crop 1926. Out of storage 5/27.
Exam. 7/27. Physical condition 1/27.

good; firm, solid; a little scald.
Flesh exceptionally fine grain, breaking
very mild subacid, delicate pleasant, better
than good. Crop 1928. Exam. 9/4/29. Same flesh
break down, some shriveling, but
same fruit in pretty good physical condition
at start of season somewhat.

Vigor of Tree: Exceptionally strong average ^(very) weak. Size:
Exceptionally large average ^(very) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

#13546

Fruit modeled

Fruit described

#13546

Disease notes by J. W. Roberts:

Bark and large limbs
are very rough as if from some bark disease.
Trees to 1 week and looking in vigor to note in
detail. May be location - but look like
very poor, weak growing trees. May be
some sort of trouble that doesn't show
from surface.

IF I could only see the world as it is,
I should be a different man.
I should be a different man.
I should be a different man.
I should be a different man.
I should be a different man.
I should be a different man.
I should be a different man.

There is a great deal of suffering in the world,
and I am sure that you are not the only one who
feels it. I am sure that you are not the only one
who feels it. I am sure that you are not the only one
who feels it. I am sure that you are not the only one
who feels it. I am sure that you are not the only one
who feels it. I am sure that you are not the only one
who feels it.

Yours truly,
J. M. W. Turner

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Skin* (see note - reverse side this sheet)
Pomology No. *no acc card*
Orchard location: Section *J* Row *3-4* Tree *4*
Arlington Accession No. *7206*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/13</i>	<i>102841</i>	:	1927 -	<i>9/28</i>	<i>109629</i>
1923 -	<i>10/4</i>	<i>104162</i>	:	1928 -	<i>9/28</i>	<i>110643</i>
1924 -	<i>10/18</i>	<i>106028</i>	:	1929 -	—	—
1925 -	<i>10/10</i>	<i>107140</i>	:	1930 -	—	—
1926 -	—	—	:	1931 -	—	—

Blossom dates: 1924 - *5/3, full bloom*
1925 - *4/15, 90% buds open; 4/20, well past full.*
1926 - *5/3, full bloom;*
1927 - *4/16, 25% buds open.*
1928 - *4/20, first bloom; 4/26, 25% buds open; 5/1, full bloom.*
Remarks: *no acc card.*

Characterization: *Good size, roundish to slightly oblate; slightly robit; sometimes compressed; cavity rather deep, medium width; stem 1/2"; basin rather wide, rather deep; sepals large, recurved; eye large, open; skin color golden yellow - self colored - at times considerable russetting; dots numerous brownish, fairly conspicuous, minute, a good deal of fine meat leather cracking; a rather attractive apple of its type; flesh yellowish, fine grain, considerable body; rather high, fairly juicy. (over)*

very subacid, fairly rich somewhat
of the Swaar type.

10/24/25 - mild subacid with a rather
peculiar though not unpleasant
characteristic flavor though not
ranking high in dessert quality.
Mark in fine eating condition
now though perhaps more tender
later.

10/4/27 - fair to good.

Note: Repeated references in the
fruit notes to the similarity of
this apple and Mammoth Grimes
Golden (acc. No. 7250 - Pom. No. 43608)
p: 7: 5 and to the one marked
winter Sandow. H: 21: 2+3
in the winter Sandow - winter
Solon input and the pro-
bability that all 3 apples
were identical - either
yellow skin or Mammoth
Grimes Golden - but there
is little information avail-
able as to what any one
of these apples is like.

Second sheet, Variety

1918
Yellow Skin (acc. No. 7206)

Storage notes:

1928 Crop. Stand $1\frac{1}{2}$; out $1\frac{1}{4}$ /29;

exam. $1\frac{1}{2}$ /29. In prime physical condition.
moderately fine grain; slightly tough. Locking
in juice; very mild subacid almost neutral,
not much flavor, poor to fair.

On Feb. 9/29, I expressed conviction that there was little
doubt about this apple and the one marked winter
Vanderwe $\#121:2+3$ being identical and probably
Yellow Skin rather than winter Vanderwe.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
($1\frac{1}{2}$ - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted $\#106028-110539$ Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

Many slender twigs on secondary
branches give a characteristic appearance.
Many bear knots but they do not seem
to weaken the tree as in many cases.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow Transparent - or possibly
Grand Sultan - see under Remarks*
Pomology No. *40494*
Orchard location: Section *5* Row *11-12* Tree *4*
Arlington Accession No. *6328*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -	<i>7/1</i>	<i>—</i>
1923 -			:	1928 -	<i>—</i>	<i>—</i>
1924 -			:	1929 -	<i>6/22</i>	<i>110943</i>
1925 -			:	1930 -	<i>7/10</i>	<i>111554</i>
1926 -			:	1931 -	<i>—</i>	<i>—</i>

Blossom dates: 1924 - *4/2*, full bloom - very light bloom.
1925 - *4/15*, " "
1926 - *4/30*, " "
1927 - *4/25*, first bloom; *5/1*, full bloom. (scattered)

Remarks: Scions from W. N. Erwin *8/10/05*,
supposedly yellow Summer Pearmain -
which is a synonym of Porter. No question
was raised either of the above years about its

Characterization: *being yellow Transparent - though
tree characters suggested possibility
of its being Grand Sultan.*

7/19/30

*Excellent specimens of the variety (yellow
Transparent?) specimens have held
up well in this
scions, from Mr. Erwin's private
collection in Chicago.*

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Second sheet, Variety

Yellow Transparent (?) 1020
Acc. No. 6328

Storage notes:

9/24/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large average (small).

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: (Light) dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very (medium slender
~~well branched~~ stout); Medium straight crooked. ~~Clear~~
Secondary limbs: Numerous medium few; (Medium slender stout)
Drooping. ~~well branched~~ - rather crooked
Twigs: Many (medium) few; Medium slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.
Spurs: Very many (medium) few; Very medium slender stout;
1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted ~~Several~~

Fruit modeled

Fruit described ~~Several~~ of both varieties.

Disease notes by J. W. Roberts:

Main features of tree are: relatively light
color of leaves and rather sturdy, stocky
upright growth - my conception of
Grand Sultan tree, rather than
Yellow Transparent.

VARIETY APPLE ORCHARD
Arlington Farm

Variety

yellow Transparent

Pomology No.

24359

Orchard location: Section

6

Row

3-4

Tree *5*

Arlington Accession No.

1941

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/10</i>	<i>101551</i>	:	1927 -		
1923 -	<i>7/9</i>	<i>103361</i>	:	1928 -		
1924 -	<i>7/23</i>	<i>105041</i>	:	1929 -		
1925 -			:	1930 -		
1926 -	<i>7/20</i>	<i>107608</i>	:	1931		

Blossom dates:

1924 - *4/26, first bloom; 5/2, full bloom.*

1925 - *no bloom.*

1926 - *7/29, 10% buds open.*

1927 -

Remarks:

Scions from N. Y. Agr. Exp. Station in 1902

Characterization:

no special fruit notes.

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Second sheet, Variety

Yellow Transparent 1022
(acc. No. 1941)

Storage notes:

11/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout) Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium slender stout;
Drooping. *Good number*

Twigs: (Many) medium few; Medium slender (stout); Long medium
(short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Some main limbs show bright cankers. Bark
Illustrations: *lighter colored than most varieties.*
Tree photographed Neg. No. 47935

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety

Yellow Transparent or (see Remarks)
Grand Sultan

Pomology No. ?

Orchard location: Section

J

Row 15-16 Tree 4

Arlington Accession No. ?

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	7/16	101543	:	1927 -	7/11	109173
1923 -	7/6	103359	:	1928 -	7/24	110192
1924 -	—	—	:	1929 -	7/1	110954
1925 -	—	—	:	1930 -	7/10	111555
1926 -	7/20	107609	:	1931 -	6/29	112259

Blossom dates: 1924 - 5/6, full bloom. very light
1925 - 4/15, 40% buds open; 4/20, past full but
1926 - 4/30, 75% buds open. very light bloom
1927 - 4/16, 10% " "
1928 - 4/26, first bloom; 5/1, 20% buds open.

Remarks:

Apparently record of trees were lost. Orchard map
shows deposit as no acc. no is given. Several
seasons note was made that the fruit from these
trees was the best of any of the Transparent type
from Arlington in a particular
season. While probably yellow
Transparent it may have been Grand
Sultan. Other seasons fruit inferior.

Characterization:

Above medium
to below;
roundish
conic - one
season mostly

slightly oblate, smooth, regular except for
slight tendency to robbing. Skin color white
when fully mature; dots minute, brownish,
submerged, inconspicuous; some seen
in cavity, sometimes extending in rays outward.
Flesh white, fairly tender, fine grain,
moderately juicy. Slightly subacid, fairly
good. Core slightly open; seeds numerous; apex to be
used.

Second sheet, Variety

Yellow Transparent or 1024
Grand Sultan (S. 15-16, 4)

Storage notes:

11/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal, mostly off.

Habit of Growth: Very (upright to roundish) broad flat spreading.
#15 is upright; Central leader: (Partially retained) disappeared.
#16 rounded due to spreading of secondary branches.

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium slender (stout)
Drooping.

Twigs: Many medium (few) Medium slender (stout); Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense (stocky
grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several of both varieties

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety Gopp (Gopp favorite)

Pomology No. 24478

Orchard location: Section 6

Row 15-16 Tree 3

Arlington Accession No. 3026

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<u>10/19</u>	<u>102803</u>	:	1927 -	<u>7/21</u>	<u>109562</u>
1923 -	<u>9/28</u>	<u>104153</u>	:	1928 -		
1924 -	<u>9/24</u>	<u>105430</u>	:	1929 -		
1925 -	<u>5/14</u> <u>9-25</u>	<u>106748</u> <u>106970</u>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: 1924 - 5/1, 75% buds open
1925 - 4/14, 75% to 70% buds open; 4/18, part full
1926 - 4/28, 25% " "
1927 -

Remarks: Scans received 4/5/02 from
Benj. Buckman, Farmingdale, Ill.

Characterization: Medium to above, slightly oblate
conic, regular, smooth; ground color greenish
yellow to yellow, partially overlaid with dull brownish
red or slightly blushed; dots small, submerged,
inconspicuous, others small, brownish, raised,
conspicuous; sometimes fine luster cracks;
flesh lightly tinged yellow, fairly fine
grain, tender, moderately juicy, a little
sour, mild subacid, though rather flat,
it is pleasant and fairly good. In season
10/2/20

Second sheet, Variety

Yopp (acc. No. 3026) 1026

Storage notes:

1/7/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (*sagittally*)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium (slender) stout; (Long) medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - (1 - 2 - 3 ⁴ inch); Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Ug. No. 47924*

Fruit painted *109562* Fruit modeled.

Fruit described *None*

Disease notes by J. W. Roberts:

*Small, weak, poor growth - never
has grown much; Curv snout is
bad.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Gork Imperial*

Pomology No. 24661

Orchard location: Section

D

Row 19

Tree 5-

Arlington Accession No. 3218

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -	10/6	109666
1923 -			:	1928 -		
1924 -	10/11	105617	:	1929 -		
1925 -			:	1930 -		
1926 -	11/1	108726	:	1931		

Blossom dates: 1924 - no bloom

1925 - 4/4, 25% buds open - few clusters only;

1926 - 4/30, first bloom - 4/18, 80% buds open.

1927 -

Remarks:

Scions received 4/26/02 - from Charles Miller, Gerardstown, W. Va. acc. record gives it as Imperial, but *Gork Imperial* is doubtless correct. ^{note - see. Four early Gork} *Gork Imperial*, acc. record in error.

Characterization: 1926 - varied widely in size and form. Some medium size, regular, uniform, others fairly large, more or less oblique, some elongated. In 1927 not above medium, rounded, slightly oblate but oblique, lobes nearly equal, hardly recognizable; cavity medium to deep, fairly wide; stem 1/2"; basin deep, wide, abrupt, sometimes small; sepals small, converging; eye rather small, converging; usually closed; in 1926, partly well overtopped with light to dark red, green variable, rather rough due to slightly raised ribs and much surface cracking; 10/11/27 ground color light green which shows through a pale overcoat of dull red, sometimes indistinct stripes; (over)

rather unattractive; in 1927, dots variable,
whisker, minute about apex, others small,
brownish, slightly raised - all inconspicuous.
Flesh yellowish, fairly fine grain,
juicy, fairly juicy, thick subacid
with peculiar flavor characteristic
of the variety; not better than fair
but probably pretty good for the
variety.

Second sheet, Variety

York Imperial (acc. No. 3218)

Storage notes:

1926 crop. Out of storage 4/16/27. Texture is good but 4/11/27, considerable scald has developed in some fruits - fine grain, tender, rather breaking. 1927 crop. Out of storage 2/27/28; again 2/9/28. Fruit in office refrigerator, meanwhile - fruits rather small, but have kept in good condition; fine grain, tender, juicy, but rather flat, poor quality - probably has lost flavor.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

1029

Variety

York Imperial

Pomology No.

Find no record in Pam. Jour

Orchard location: Section

E

Row *13-14* Tree *2*

Arlington Accession No.

4216

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/25</i>	<i>102625</i>	:	1927 -		
1923 -	<i>11/1</i>	<i>104357</i>	:	1928 -		
1924 -	<i>10-14</i>	<i>105700</i>	:	1929 -		
	<i>11-4</i>	<i>105978</i>	:	1930 -		
1925 -	—	—	:	1931		
1926 -	<i>10/13</i>	<i>108384</i>	:			

Blossom dates: 1924 - *5/11, 75% buds open; 5/6, full bloom.*
1925 - *4/14, 25% " " 4/18 "*
1926 - *4/30, center buds open.*
1927 -

Remarks:

Scions received 2/14/03 from Kansas Agr. Coll. Manhattan, Kansas.

Characterization:

1926 notes - form varies considerably - some considerably oblate, distinctly lob-sided, some compressed, some elongated and truncate; fruit about as well finished and attractive as produced at Arlington for the variety; elongated-truncate fruits not lob-sided; ground color yellow with good overexposed pinkish red; dots variable - minute brownish, some yellowish, some submerged, some slightly raised, none conspicuous; flesh yellowish, fairly fine grain, 10/2/26 rather firm, breaking, a little tough, fairly juicy, with subacid with peculiar varietal flavor; too immature 2/2/26 for full flavor.

Second sheet, Variety

York Imperial (acc. No. 4216)

Storage notes:

1926 Crop. stored 11/26; out of storage 3/8/27; exam. 3/16/27. In office refrigerator - meanwhile, considerable scale has developed - otherwise in good condition; fine grain, fairly crisp and breaking, quite juicy, mild subacid; while not rich, it is fairly good - probably better than York Imperial is during most of the time it is in the market.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47993

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Supposed to be York Imperial - which it is not*

Pomology No. 24482

Orchard location: Section *C* Row 13 Tree 3

Arlington Accession No. 3014 (see Remarks)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/18</i>	<i>102534</i>	:	1927 -		
	<i>10-13</i>	<i>102540</i>	:			
1923 -	<i>9/27</i>	<i>104116</i>	:	1928 -		
1924 -	<i>9/15</i>	<i>105429</i>	:	1929 -		
1925 -	—		:	1930 -		
1926 -	—		:	1931		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks: *Scions supposedly received 7/5/03 from Prof. W. B. Ellwood, Blacksburg, Va. as York Imperial - which clearly the variety is not.*

Characterization: *The fruit was small, yellowish, unattractive. flesh tough, spongy, sweet, astringent. 10/3/24 it was considerably wilted and had about the driest flesh of any apple I ever saw. Likely tree a sprout from the root stock. The 2^d picking in 1922 was from C:1223 (probably should have been C:14:3) and suggested (Scions. C:14:3 was supposedly acc. No. 307, Vandewere.*

Key no. 47926 (C:11:3) probably was in same of these numbers. (No 2^d sheet)

VARIETY APPLE ORCHARD
Arlington Farm

Variety "York Winesap"

Pomology No. 40471

Orchard location: Section 5

Row

6

Tree 1

Arlington Accession No. 6307

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	10/19	102851	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	11/4	106008	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	11/1	108727	:	1931		

Blossom dates: 1924 - 5/2, 40% buds open; 5/6, little past full
1925 - 4/15, 25% " " ; 4/20 full bloom - few clusters only
1926 - 4/30, 25% " " - a little later than
1927 - 4/24, 20% " " ; 5/1, 90% buds open.

Remarks:

Scions from W. H. Brown 4/10/08. - supplied
by J. W. York, Magnet Ark. - received 7/10/08

Characterization:

In 1922 Mr. Brown expressed opinion that this is
Winesap - but while resembling it, it
Externally it would doubtless pass for Winesap, and in quality as a fairly
flavored Winesap. Texture rather coarse, juicy
mild subacid; smaller than average Winesap.
Flesh more deeply yellow than Winesap.
Crisp, juicy, mild subacid, fairly crisp -
good - but in no way superior to Winesap
in quality or appearance. Has some merit
but not superior to Winesap.

UNITED STATES DEPARTMENT OF AGRICULTURE OFFICE OF THE SECRETARY

Approved by the Secretary of Agriculture
 and the Director of the Bureau of Plant Industry

Bureau of Plant Industry
 Washington, D. C.

Year	Month	Day	Time	Location	Remarks
1917	Jan	1	10:00	Washington	...
1917	Jan	2	10:00	Washington	...
1917	Jan	3	10:00	Washington	...
1917	Jan	4	10:00	Washington	...
1917	Jan	5	10:00	Washington	...
1917	Jan	6	10:00	Washington	...

Approved by the Secretary of Agriculture
 and the Director of the Bureau of Plant Industry

Secretary

Director

Second sheet, Variety

York Winesap" (acc. No. 6307)

Storage notes: 1926 Crop. Out of storage 7/27;

exam. 7/27. Has kept well - would pass for Winesap. - small but highly colored. Tender, juicy, mild subacid. It might be difficult to make this out to be anything else than Winesap - a better tree however, than Winesap.

Vigor of Tree: Exceptionally strong (Better than average) weak. Size: (Moderately Exceptionally large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large medium (small); Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading. Central leader: Partially (retained) disappeared. Secondary branches drooping.

Branching:

Main limbs: Very medium long short; Very medium slender (stout) Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; (Drooping) well branched.

Twigs: (Many) medium few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: (Very many) medium few; Very medium (slender) stout; 1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted None

Fruit modeled

Fruit described 85622 - same variety?

Disease-notes by J. W. Roberts:

Terminal growth 8" to 10" - tree has a very large bearing surface, well distributed through out the top. Though much branched, the main limbs largely retain the central leader - a fine strong tree. Leaf hopper effect on foliage is in evidence.

VARIETY APPLE ORCHARD
Arlington Farm

Variety

St. Hilaine (24604) } see over
Zoar (24602)

Pomology No.

24604?
24602?

Orchard location: Section

D

Row *25-26* Tree *2*

Arlington Accession No.

3377

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/7</i>	<i>102242</i>	:	1927 -		
1923 -	<i>8/21</i>	<i>103838</i>	:	1928 -		
1924 -	<i>8/29</i>	<i>105179</i>	:	1929 -		
1925 -	<i>8/26</i>	<i>106666</i>	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates:

1924 - *5/1, 20% buds open*
1925 - *4/14, 40% " " ; 7/18, full bloom.*
1926 -
1927 -

Remarks:

(24604)
Scions, received in 1902 from
C. D. Hicks, North Clarendon, Vt. (see over)
(Zoar Transformed (syn))

Characterization:

Above medium size, smooth,
ground color greenish white, very lightly
overspread with a pinkish blush, sometimes
lightly striped, commonly a buttermilk over-
spread; flesh tinged yellow, moderately fine
grain, sometimes a little rough - not always,
moderately juicy, mild subacid, rather
flat - of no apparent merit.
3/4/26. Tree below medium, broad, spreading flat
top, main branches short, stout; secondary branches
twigs and spurs normal. Trunks
not healthy, cankers on trunks and
limbs. Some branches dead. (over)

Paintings: 10770

Descriptions: Seared

Pen. Jan. No. 24602, 2 oar - scions from
Jas. R. Johnson, Coshocton Ohio 4/12/02

" " " 24604 - from D.C. Hicks
as stated.

Orchard map shows acc. no. 3377
planted at D: 25-26:2. This should be
2 oar - scions from James R. Johnson
Coshocton Ohio.

acc. no. 3375 is (or should be) St. Helene
from D.C. Hicks, Chardon, Vt. Pen. No. 24604
but acc. no. 3375 should be in the
orchard at D: 23-24:5. Obviously a
mixup but not able now to
tell where.

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Joan Wine*

Pomology No. *55905*

Orchard location: Section *K* Row *18* Tree *2*

Arlington Accession No. *11664*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	<i>5/22</i>	<i>105128</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	—	—	:	1931		

Blossom dates: *1925 - 4/16 - trees rather backward. leaves 1/2" long*
1926 - 5/3. first bloom.

1926 -

1927 -

Remarks: *Scions received 3/25/12 from Silvanus Gordon, Sargentville, N.Y.*

Characterization: *Medium size or below - suggests an apple of the winesap type. Ground color yellow, with nearly a solid red overspread, some indistinct striping; a heavy purplish bloom; flesh whitish, texture rather coarse, tender, mildly subacid. Flat rather form - not much to it - but attractive in appearance. Panicle: none. Description: none. (no 2 & 3 sheet)*

EXHIBIT 100-100000 100-100000

100-100000

100-100000

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VARIETY APPLE ORCHARD
Arlington Farm

Variety: S. P. J. 27151

Orchard location: Section J.

Row

19

Tree 1

Arlington Accession No.

8209

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	7/11	109167
1923 -	7/6	103337	1928 -	7/24	110182
1924 -	—	—	1929 -	—	—
1925 -	—	—	1930	—	—
1926 -	7/20	107602	1931	—	—

Blossom dates: 1924 - 5/2, full bloom; bloom very light.
1925 - 4/15, 50% buds open; 7/30, fruit full - only few clusters, mostly terminal.
1926 - 5/1, 25% " " - foliage too far advanced to see blossoms readily.
1927 - 4/16, 25% " "
1928 - 4/26, 20% " " 5/2, full bloom.

Remarks:

This variety was received as scions 3/19/10 from F. N. Meyer, from Kopetnari, Russia. The fruit so closely resembled Early Harvest that it was considered that variety as the various lots were examined. However, a grower (50/42) sends that not sufficient account was taken of the source. It is not likely that scions of Early Harvest were sent by Meyer from Russia.

Characterization:

Characterization: 1926 notes. Appears to be typical and fairly good specimens of Early Harvest. Medium size to slightly below; roundish conic to slightly oblate conic. Ground color yellow, dots, a few brownish ones and some indistinct whitish suffused; some russeting about cavity. Flesh white, very tender, moderately juicy, core rather open - quite acid until fully ripe, then becoming vinously acid; fairly rich, a pretty good eating apple for its season. Slightly past prime on 7/25/26. (over)

In 1927 and in 1938, only comments
on sample lots was by way of
comparing their close resemblance
to Early Harvest. In both of these
years they were referred to J:13:1
(5234) with which they were
apparently considered as identical
varietally.

Second sheet, Variety

427 27151

1337

Storage notes:

J: 19:1. Acc. No. 5209

11-13-28

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. *Mostly* ~~dark~~ *light*

Habit of Growth: Very upright (roundish) broad flat (spreading). Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short, (Straight) branched twiggy; Medium (open) dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout; (1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium slender open) ~~dense~~ stocky grower; Top (round) ~~much broader~~ *alth* ~~narrower~~ than tall.

Illustrations:

Tree photographed

Fruit painted

Fruit modeled

Fruit described

Disease notes by J. W. Roberts:

To take a general average tree, it does not look good in any way. A few galls on buds, advanced under knots appear on the main limbs and look bad for the future of the tree.

VARIETY APPLE ORCHARD
Arlington Farm

1138

Variety: *Seedling of Early Harvest*

Orchard location: Section *J* Row *17-18* Tree *2*

Arlington Accession No. *5540*
Ann. No. 36672

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	—	—
1923 -	<i>7/20</i>	<i>103357</i>	:	1928 -	<i>8/1</i>	<i>110288</i>
1924 -	<i>7/23</i>	<i>105032</i>	:	1929 -	<i>7/29</i>	<i>111500</i>
1925 -	<i>7/11</i>	<i>106477</i>	:	1930 -	—	—
1926 -	<i>7/21</i>	<i>107637</i>	:	1931 -	—	—

Blossom dates: 1924 — *5/1 - before - full bloom*
 1925 — *4/5 - past full.*
 1926 - *7/30, full bloom.*
 1927⁸ - *4/19, first bloom; 4/26, 95% buds open.*

Remarks: *Received 9/15/06 as bud wood from*
M. L. Gilmore, Jackson, Ohio.
Pom. No. 36672.

Characterization: *Medium size, slightly oblate conic.*
Ground color - greenish yellow, dots variable,
some brownish, some small light colored, unobtrusive.
Flesh yellowish, fairly fine grain, lacking in
tenderness and in juice, rather acid, lacks
richness. No apparent merit either in
appearance or quality.

Second sheet, Variety

Storage notes:

Seedling / Early Harvest 1029
I: 17-18-20 acc. no. 5540

11-2-28

Vigor of Tree: (Exceptionally strong) average weak. Size:
(Exceptionally large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal. 50% off.

Habit of Growth: Very upright (roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout) Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short, (Straight) branched twiggy; Medium open
(medium dense) Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;

(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense (stocky
grower) Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*a fine large tree, roundish
moderately open top - a fine type
of tree.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Seedling, somewhat resembling Grosh*
Orchard location: Section *D* Row *23-24* Tree *1*
Arlington Accession No. *7180* (*Pam. No. 42889*)

see over for name

Year --	Date Picked	Pomology Number	Year --	Date Picked	Pomology Number
1922 --	$\frac{9}{6}$	102521	1927 --	$\frac{9}{18}$	109439
1923 --	$\frac{9}{16}$	104035	1928 --	—	—
1924 --	$\frac{9}{13}$	105407	1929 --	$\frac{8}{23}$	111114
1925 --	$\frac{8}{21}$	106627	1930 --	—	—
1926 --	$\frac{9}{23}$	106825	1931 --	—	—
<i>none in 1926.</i>					

Blossom dates: 1924- $\frac{5}{2}$, full bloom - very light
see over for name
1925- $\frac{4}{15}$, past full "
1926- $\frac{4}{30}$, full bloom - " "
1927- $\frac{4}{16}$, 50% buds open.
1928- no bloom.

Remarks: Beginning with first year of record (1922) specimens were received in office labeled Grosh. It is not now ($\frac{2}{27/42}$) known when or how the orchard records gave the variety as Grosh, but the error was detected that first year specimens continued to be received as Grosh, the fact that it was a seedling from Iowa, apparently not coming to light until 1927. The fruit, however, has

Characterization: same of the characters of Grosh (western Beauty - Summer Rambo)
The entry under Pam. No. 42889 gives no information other than that it was found growing wild in Lee Co. Iowa.
Characterization: size variable but moderately large. somewhat oblate to oblate conic. Ground color greenish ($\frac{9}{21/27}$), the better colored specimens well overspread with a moderately heavy bright red wash, except on shaded side; a faint suggestion of striping. Some specimens have a grayish overspread (buttermilk). Over the buttermilk, there is a whitish bloom. Some seasons the red coloring is dull (over)

and unattractive. Flesh is white or very slightly tinged yellow, fine grain, rather brittle good body to flesh, tender, fairly juicy, mild subacid fairly rich, of summer Rambo quality.

In 1824 the ground color, compared with that of Western Beauty was given as a lighter shade of green, that of Western Beauty being a chlorophyll green. (varieties degree of maturity would influence shade of color materially).

In form, it was given as similar to Grash, more highly colored. Flesh not as tender as Grash ($\frac{1}{2}$ of 25) flesh white, while that of Grash, Western Beauty and Summer Rambo is yellow.

The substance of the notes in different seasons is that this apple was probably quite similar to Grash in many respects and possibly possessing more merit, on the whole than that variety. About with Grash and Western Beauty in season - a month later than Summer Rambo.

Source.

Entry No 42887 shows record of a seedling apple received by Col. S. B. Brackett 11/9/08 from tree found growing wild in Lee Co. Iowa.

Second sheet, Variety

Seedling.

1041

Storage notes:

Acc. No. 7180 (D: 23-24: 1)

1927 crop. Out of storage Dec. 7/27. Exam D.H.S.

Specimens have kept well; are attractive in appearance. Fairly good eating condition but perhaps a little past prime. Flesh lightly tinged yellow, fine grain, tender, quite juicy. Mild subacid, pleasant, with no characteristic flavor. Good in quality. Has some merit but probably not better than plenty of other varieties of its

Vigor of Tree: Exceptionally strong (average) weak. Size: season.
Exceptionally large (average) (small).

Foliage: Very abundant normal scanty. Leaves: Very large
~~Mostly fallen~~ medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared.)

10/31/28

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; Straight branched twiggy; Medium (open) dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout; (1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender (open dense stocky grower); Top (round) much broader narrower than tall.

Twigs straight and abundant in a rather characteristic way.
Illustrations:
Tree photographed

Fruit painted

None

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Unidentified - see under Remarks*
Pomology No. *Apparently not recorded*
Orchard location: Section *K* Row *18* Tree *4*
Arlington Accession No. *4839*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>8/25</i>	<i>109369</i>
1923 -	—	—	:	1928 -		
1924 -	<i>8/22</i>	<i>{ 105121</i>	:	1929 -		
		<i>105129</i>	:	1930 -		
1925 -	—	—	:	1931		
1926 -	—	—	:			

Blossom dates: 1924 -
1925 -
1926 -
1927 - *scissors record 3/6/05 from N. B. White, Norwood, Mass.*

Remarks: *Recorded in acc. cards as "Fall subacid", but orchard records are under the name "Western apple". Source or authority for latter name are unknown.*

Characterization: *1927 notes. Good size, oblong conic, slightly ribbed, ground color pale yellow until fully ripe, then deeper yellow, dots fairly numerous, brownish; a light mottled over-spread (whitish bloom?), considerable russeting about core. Flesh lightly tinged yellow, fine grain, tender, juicy, too sharply acid for eating out of hand; lacks richness, not above fair in quality. Little to commend it now if identity was known. (No 2nd sheet)*

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1043

VARIETY APPLE ORCHARD
Arlington Farm

Variety ? — supposed to be Washington strawberry
Pomology No. apparently not recorded see under remarks
Orchard location: Section 7 Row 23 Tree 4
Arlington Accession No. 5237

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	10/4	104157	:	1928 -		
1924 -	10/13	105627	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	10/11	108392	:	1931		

Blossom dates: 1924 - 5/2 full bloom.
1925 - 4/5 " "
1926 - 4/30, 40% buds open
1927 -

Remarks: Acc. record states this was propagated
from acc. No. 1834 for southern
distribution. evidently true & this supposed
propagation were planted at 7:23-24:4 —
but it proved not to be Washington strawberry.

Characterization:

1826 Notes.
Medium size,
roundish cone,
or slightly
oblate cone.
Stem 3/4" to 1"

Variety uncertain. Compared at
different times with Mt. Lee,
Harrington, striped Beauty
and Baldwin.

slender; ground color greenish yellow, pretty well
covered with wash of pale red, a little indistinct
striping; dots rather numerous, irregular, areolar,
fairly conspicuous. Flesh yellowish, fine grain,
fairly tender, quite juicy, slightly aromatic,
when firm, looking in richness, poor quality,
no apparent value; considerable bitter pit.
(no 26 sheet)

1940-1941 Annual Report of the Board of Directors

The Board of Directors of the
 [Organization Name] has the honor to
 present to you the Annual Report
 for the year ending [Date].

Item	Amount	Percentage	Total
[Item 1]	[Amount 1]	[Percentage 1]	[Total 1]
[Item 2]	[Amount 2]	[Percentage 2]	[Total 2]
[Item 3]	[Amount 3]	[Percentage 3]	[Total 3]
[Item 4]	[Amount 4]	[Percentage 4]	[Total 4]
[Item 5]	[Amount 5]	[Percentage 5]	[Total 5]
[Item 6]	[Amount 6]	[Percentage 6]	[Total 6]
[Item 7]	[Amount 7]	[Percentage 7]	[Total 7]
[Item 8]	[Amount 8]	[Percentage 8]	[Total 8]

The total amount of [Amount]
 is [Percentage] of the total.
 The total amount of [Amount]
 is [Percentage] of the total.

[Text]

[Text]

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Unidentified - Various called Lowry Oliver Red, and same Beauty sport.*

Pomology No. _____

Orchard location: Section *L.* Row *23-24* Tree *5-*

Arlington Accession No. _____

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 - *Picking records begin with*
1925 - *1923 and continue with one*
1926 - *or 2 missed years to 1931. Most of*
1927 - *orchard record cards relate either*
to Lowry or Oliver Red identifications.

Remarks: *Probably there were 2 varieties represented, but there were too many doubts expressed and questions raised to make it safe to regard definitely either of them as Lowry or Oliver Red. Planting records*

Characterization: *are lacking - (at least never located) so that there is no way of knowing what the variety was supposed to be. This record is made by way of accounting for the orchard location.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Unknown - same resemblance to Springdale

Pomology No. 24551

Orchard location: Section D Row 3-4 Tree 4

Arlington Accession No. 3064 Variety name & source not given on acc. record. Pom. Jour. entry indicates sender and his address were unknown (not given)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number	:
1922 -	10/26	102882	:	1927 -			:
1923 -	10/26	104305	:	1928 -			:
1924 -	11/4	105965	:	1929 -			:
1925 -	10/16	107126	:	1930 -			:
1926 -			:	1931 -			:

Blossom dates: 1924 - 4/28, first bloom
1925 - 4/14, 90% buds open
1926 -
1927 -

Remarks: In 1922 it was noted as a medium sized, oblate angular fruit, greenish with a little blush and some striping. Evidently a very long keeper. In 1923 resemblance to Wagoner (was noted on 11/5) but with comment that the fruit was now very hard. Texture very firm, and said - but could hardly be Wagoner with these characters. In 1924 comment that it was Springdale

Characterization: was recorded. 1924/25, while comparing collection of 1924 certain rather definite discrepancies were noted in comparison with B: 19-20: 2 which is unquestionably Springdale. This lot larger, more distinctly ribbed, rather more oblate, much less highly colored than B: 19-20: 2. The latter has a long cylindrical calyx tube while this one has a short calyx tube. The flesh of this lot is more distinctly yellow. Springdale is (over)

tinged yellow but less markedly yellow
than this lot. In texture, flavor, juiciness,
degree of maturity similarities are close
but certain indefinable differences.
Whether these are more than are likely
to occur within a variety is a question.

Further noted that while differences
between the 2 lots are rather striking
they both come within our conception
of Springdale

Storage notes in Arlington ^{Post}
Jacket - Jan 21/26

3/1/26 Poor tree - not many large
knots on it; small, upright,
spreading - branching
normal; a general look
of thrift - may be crown
gone.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Undetermined (see under Remarks)*

Pomology No.

Orchard location: Section *L* Row *23* Tree *1*

Arlington Accession No.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>10/4</i>	<i>109596 (or 7?)</i>
1923 -	<i>9/5</i>	<i>104020</i>	:	1928 -		
1924 -	<i>10/1</i>	<i>105465</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>11/1</i>	<i>108733</i>	:	1931 -		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Records of any of this apple have not been found. In general appearance the fruit suggested McArthur - but may possibly have been Texas (Pride of Texas). In 1924 I called attention to my 1923 observation that the fruit resembled an unusually large and well developed McArthur and that until the history of the tree could be traced the question should remain as to whether it might not be McArthur (or perhaps Texas?)

Characterization:

1926 notes mostly. Fairly good size, some what oblate, ground color yellow, pretty completely overspread with a heavy wash of bright red, and over the basal half a heavy overspread of gray. Spots numerous about the apex, smoky yellowish, not very conspicuous; some fine leather cracking. Flesh pale yellow, fine grain, rather tender but breaking; quite juicy, slightly subacid, not especially rich but pleasant and fairly good. Better in quality than I supposed McArthur (over)

could be. Approaches eating ripe condition (11/8/26). Seeds remarkable large and almost black - suggesting in these respects Texas as described in Apples of N.Y.

1927 Notes. Form roundish rather than oblate though some fruits are slightly oblate. Little or no leather cracking. Cavity medium depth fairly broad; in fruits have a slightly saucer-shaped cavity. Basin rather shallow, medium width, eye medium, closed. Other same OK.

7/8/28 - See storage notes in which more detailed comparison with Mc: after is made. Has many Mc: after characteristics but that it is that variety seems doubtful. Fruit has some of the sunken dots of Mc: after, but not as many as in that variety - some specimens have none at all. Basin is deeper and eye larger than Mc: after. Core formation, calyx tube and some other details check fairly well with painting Mc: after. Seeds very dark colored and much larger (as are Texas seeds). Grain (7/8/28) a little coarse, quite tender, quite juicy, mild subacid, pleasant, not very rich but perhaps rating as good quality.

Second sheet, Variety (?) L : 2 3 . 1

1047

Storage notes: 1926 Crop. Out of storage 4/11/27.
Exam 4/16/27. Very much past storage, durability.
11 of 13 fruits completely decayed; the 2 others
too badly decayed for any examination.
1927 Crop. Stored 11/10/27. Out 3/4/28. Exam 3/8/28.
Badly scalded on uncolored surface. Rest
of notes have to do with characterization
and are given on back of first sheet.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Fruit modeled

Fruit described

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Yellow-Fleshed - as before*

Pomology No. 40593

Orchard location: Section *H* Row 13-14 Tree

Arlington Accession No. 6409

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	8/1	102220	:	1927 -	8/25	109373
1923 -	—	—	:	1928 -	8/14	110286
1924 -	8/29	105209	:	1929 -	7/31	111028
1925 -	—	—	:	1930 -	—	—
1926 -	8/14	107784	:	1931 -	8/6	112201

Blossom dates: 1924 - 5/2, considerably past full.
1925 - 7/15, past full
1926 - 7/30, "
1927 - 7/12, 75% broken.
1928 - 7/14, 90% "
1929 - 7/26, past full.

Remarks:

(see over) *Scions received from W. H. Swain 8/27/08 as "yellow-fleshed". Fruit so labeled in 1912 but subsequently it was labeled Yellow-Liberian and all orchard books were made under that name. Original name is not known. No question appears to have been raised as to its being Yellow-Liberian subsequent to 1922.*

Characterization:

Fruit small, averaging about 5 1/8" in diameter. sometimes reaching 1 1/4" distinctly ribbed; stem 1 1/2" slender; skin yellowish-green - no red; flesh yellow, very sharply acid, astringent 8/31/26. Considerably larger than Lib. Liberian, and better developed. Physic and very astringent.

The name, favorably for No. 40593 given
source as Oscar Bergande, Station, Prussia.
Scarcely received 3/16/05. Notation: Probable
yellow, supposed to be Red and yellow
Paradise same as received from him.
Not clear however whether this note applies
solely to No. 40593 (which likely is yellow
fouled) or both to this number and
No. 40592. - which is Red -

Second sheet, Variety

Storage notes:

10/10/28
Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight (crooked).

Secondary limbs: Numerous medium few: Medium slender stout;
(Drooping).

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; (Willowy).

Spurs: Very many medium (few); Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched:

Spur twigs: Few medium many; (Terminal bearing mostly may be?)
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

The leaves show definite crab curvatures

Illustrations:

Tree photographed

Fruit painted

Fruit modeled

Fruit described

Disease notes by J. W. Roberts:

4/3/8. Some leaves on fruit spurs are 1" long.
Buds in clusters separated but show no sign. Most
other apple trees are entirely dormant with some
buds just showing a bit of green.

VARIETY APPLE ORCHARD
Arlington Farm

Variety- Scions from Mr. Lowmyer's private collection in
Pomology No. 40648 *Champion. This entry was only
Pom. No. 10694 - Restricted
(see over)*
Orchard location: Section *H* Row 21 Tree 5
Arlington Accession No. 6430

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	only one		:	1927 -	apparently 9/1/27	
1923 -	record card		:	1928 -	comparing the	
1924 -	in file		:	1929 -	fruit with yellow Newtown	
	(orchard) and		:		which is somewhat	
1925 -	that is a pencil		:	1930 -	suggested in appearance	
1926 -	note I made		:	1931	but was earlier in ripening	

Blossom dates: 1924 -

1925 -

1926 - 4/30, center blossoms open.

1927 - 4/26, 20% buds open; 7/1, 90% buds open.

Remarks: Scions from W. H. Irvine 3/27/02
No name in acc. card but notation
that they were under restrictions.

Characterization: The question was raised as to
whether this could be yellow Newtown. but
it was definitely decided in the negative, although
externally ~~and~~ in form, color of skin and
internally in color of flesh, core lines,
+ the 2 were very similar. But 21/21/5
was in season 9/27/1 flesh looked the same &
yellow Newtown and was not as rich and
large in quality.

It had a small, weak, "no account" tree.

No. 10074 refers to fruit sent by
G. Stoner, Westminster, Md.,
received 10/22/95. Same by
an old seedling tree said
to be over 50 years old.
No information here regarding
characteristics of the apple except
that it kept all May. - 1991

VARIETY APPLE ORCHARD
Arlington Farm

Variety "Wild Red" —

Pomology No. *apparently not recorded*

Orchard location: Section

7

Row

26

Tree *5*

Arlington Accession No. *4730*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	<i>11/11</i>	<i>104350</i>	:	1928 -		
1924 -	<i>10/18</i>	<i>106001</i>	:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

*scions from Linn Co. Nursery -
Center Point, Iowa 3/2/05.*

Characterization:

*A small red apple (crab?)
very astringent and sour - of no
apparent value.*

(No 2d sheet)

NORTH DAKOTA STATE DEPARTMENT OF AGRICULTURE

1917

ANNUAL REPORT

OF THE

COMMISSIONER OF AGRICULTURE

NAME	AGE	SEX	EDUCATION	RELATION	DATE
JOHN A. BROWN	45	M	High School	Farmer	1917
MARY J. BROWN	42	F	High School	Farmer's Wife	1917
WILLIAM C. BROWN	38	M	High School	Farmer	1917
ELIZABETH C. BROWN	35	F	High School	Farmer's Wife	1917
CHARLES D. BROWN	32	M	High School	Farmer	1917
MARGARET D. BROWN	30	F	High School	Farmer's Wife	1917
FRANK E. BROWN	28	M	High School	Farmer	1917
HELEN E. BROWN	25	F	High School	Farmer's Wife	1917

- 1917 -
 - 1917 -
 - 1917 -
 - 1917 -

1917

1917

1917

1052
September 21, 1928

The Summer Rambo, (110395), Grosh (110396),
and Western Beauty (110394) Tangle

The crop of Summer Rambo was harvested August 14. The only specimens now available are a dozen or so apples which apparently were left on the trees when the crop was harvested and have since dropped, with the exception of three rather poorly colored but good-size specimens which were found still hanging on an inside limb of Tree 3 Row 12 Section G. Eleven other specimens from various trees were picked from the ground. Quite a number of the specimens were so ripe that they bruised badly when they fell. In other words it is now long past the season of this variety.

Western Beauty was harvested August 22. They were noted, when examined on Aug. 27, as being then rather firm and hard with the suggestion that they would probably rate good or better in quality when thoroughly ripe. It was also then noted that the variety was probably two or three weeks later than Summer Rambo. On Sept. 20 a half-dozen specimens of the variety were found on the ground with three specimens still on one of the trees. There is quite a difference in the external appearance between Summer Rambo and Western Beauty. The general form, cavity, basin, eye and so forth are very similar. The ground color of Summer Rambo is yellow. Of Western Beauty it is a much paler yellow. In general Western Beauty has taken on considerably more color than Summer Rambo. While some specimens of the latter are well-covered with red, the majority show only a rather scattered striping.

The specimens of Western Beauty are, for the most part, pretty highly colored. They have a fairly complete wash of a rather heavy red with a sort of purplish shade, the latter not very pronounced but it is a perceptibly different shade of red from Summer Rambo. Moreover, Summer Rambo, even on the highly colored specimens, has a good deal of striping. With the highest colored specimens of Western Beauty the red merges fairly completely although there is faint striping evident. The less well-colored specimens of Western Beauty are quite distinctly striped, the striping more in evidence than on the less well-colored specimens of Summer Rambo. At the present time some of the specimens of Western Beauty have a firmness of texture and a gloss that is a little suggestive of the Lawver finish. Many of the dots of Summer Rambo appear as small, triangular or irregular breaks in the skin, the dots being raised. The dots of Western Beauty are smaller, yellowish and regular. They are rather small, some areole. A few appear as minute breaks in the skin but not as a rule.

Contrasting these with Grosh, that variety has not yet been picked. The two trees are heavily loaded. The fruit averages larger than either of the other two varieties. A good deal of the crop is on the ground but still the trees have a pretty good crop remaining on them. The fruit from the trees is still very hard and firm. Some of that which is on the ground is in eating condition. In form and

general makeup the apples resemble Summer Rambo closely. The ground color, even of the more mature specimens has a rather distinct shade of green. Whether that disappears later is uncertain. There is evidently rather more tendency for high color than with Summer Rambo although ^{the} shade of red differs from the very bright red of Summer Rambo. Like Western Beauty it has a suggestion of purple. Probably in very highly colored specimens the striping would nearly disappear and it would be a solid overspread. The stripes that appear are less distinct than on either of the other two varieties and they are narrower. The dots of Grosh are more nearly like those of Summer Rambo but Grosh has a great number of relatively small dots about the apex which neither of the other varieties has in so marked a degree. The dots are mostly raised. There are some irregular dots similar to Summer Rambo but the most of them are comparatively small. The distinguishing feature with respect to the dots is the great abundance of them about the basin and apex in comparison with the other two sorts. In its finish Grosh is more like Summer Rambo than Western Beauty because the raised dots give it a characteristic roughness of feel while Western Beauty is smooth and almost polished. In cavity, basin, eye and stem characters the similarity is striking except that Western Beauty, as a rule, has a very short stem and at the longest it is rarely more than 1/2 inch, usually much shorter. Summer Rambo and Western Beauty have stems that are 1/2 to 3/4ths of an inch in length. With varieties differing, as these do in season, it is difficult to make entirely accurate flesh comparisons.

There are no appreciable color differences in flesh all being perceptibly tinged with yellow. No characteristic differences in core lines. Summer Rambo is naturally the riper but it has its characteristic tender flesh with mild subacid, rather rich flavor and high quality. Grosh, at this time, probably has less acidity than Summer Rambo has when in prime eating condition. The acidity is very mild, probably approaching neutral. The flavor is probably not quite as characteristic as that of Summer Rambo but in quality, richness and so forth, it is closely comparable with that variety. The chief point of difference is in the texture - Grosh is a little finer-grained and the flesh is a little firmer and more breaking - in other words, it is a little more crisp. Western Beauty has the fineness of grain of Grosh, it is a less crisp and is distinctly more acid than either of the other varieties. Its outstanding distinguishing characteristic is its acidity which is rather too sharp to be entirely pleasant except to one fond of a rather sour apple. It is less rich than either of the other varieties and is not as high in dessert quality. The tree characteristics should be noted. Summer Rambo and Western Beauty trees standing very close together are practically identical in habit of growth, both being very strong, vigorous, sturdy trees with rather heavy branches and with heavy, dark-green foliage and large leaves. Grosh, standing next to Summer Rambo, but a little higher up on the bank but under conditions that are probably not very different as to their influence on growth, Grosh is a

3.

small tree, lacking in the outstanding, sturdy vigor of the other two varieties, the leaves are large, like the others, but are distinctly of a lighter-shade of green. Except for the acidity of Western Beauty, it is rather easy to see how these three varieties can be confused when each one is considered entirely independently of the others and without any regard to the tree characteristics and without any means of checking up on the time of maturity. (It is now (November 4, 1943) suggested that even a rather slight difference in elevation of position might make an appreciable difference in soil moisture and in tree growth).

H. J. Gault

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PLANTED IN APRIL 1906

PLANTED IN APRIL 1905

PLANTED IN APRIL 1905

PLANTED IN APRIL, 1906

PLANTED IN APRIL 1905

PLANT

PLANTED IN APRIL 1905

PLANTED IN MARCH 1905

PLANTED IN MARCH, 1905

PLAN OF THE VARIETY APPLE ORCHARD AT THE ARLINGTON FARM

PREPARED BY THE OFFICE OF HORTICULTURAL INVESTIGATIONS, U.S.D.A., JULY 1924

SCALE: 1 INCH = 60 FEET

#4



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